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Physics Abstracts

Science Abstracts Series A
January-June 1979

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Cumulative indexes to Science Abstracts are published twice a year covering the period January-June and July-December. They comprise author and subject indexes and some specialised or 'small' indexes. For Physics Abstracts and Electrical & Electronics Abstracts the Author Index and Subject Index are published as separate volumes. In this case the Small Indexes are included in the Author Index volume.

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January-June 1979

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BOOK INDEX

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- Adaptive optics and short wavelength sources;** S.F.Jacobs, M.Sargent III, M.O.Scully (editor/s), [London, England: Addison-Wesley 1978, \$24.50] 31852, 31921, 31971-3, 31998, 32030, 32104, 35150
- Annual review of astronomy and astrophysics,** vol.16; G.Burbridge, D.Layzer, J.G.Phillips (editor/s), [Palo Alto, CA, USA: Annual Reviews Inc. 1978] 5733
- Annual review of biophysics and bioengineering;** L.J.Mullins, W.A.Hagins, C.Newton, G.Weber (editor/s), [Palo Alto CA, USA: Annual Reviews Inc. 1978] 5246, 5248, 5250-1, 5257, 5261-7, 5273, 5282, 5304, 5307, 5328-9, 5434-6
- Annual review of Earth and planetary sciences,** vol.6; F.A.Donath, F.G.Stehli, G.W.Wetherill (editor/s), [Palo Alto, CA, USA: Annual Reviews Inc. 1978] 5437-8, 5451, 5457, 5464-6, 5468, 5482, 5491, 5505, 5534-5, 5590-1, 5721, 5771
- Annual review of neuroscience,** vol.1; W.M.Cowan, Z.W.Hall, E.R.Kandel, [Palo Alto, CA, USA: Annual Reviews Inc. 1978] 2027-32, 2040-3, 2084, 5272
- Annual review of nuclear and particle science,** vol.28; J.D.Jackson, H.E.Gove, R.F.Schwitters (editor/s), [Palo Alto, CA, USA: Annual Reviews Inc. 1978] 22052-3, 22161, 22218, 22224, 22326, 22505, 22522, 24252, 25471, 25522
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- Atomic energy-level and Grottrian diagrams, vol.III. Sulfur I—Titanium XXII;** S.Bashkin, J.O.Stoner Jr., [Amsterdam, Netherlands: North-Holland 1978, \$80.00] 3387
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- Methods in subnuclear physics, vol.5, pt.1;** M.Nikolic (editor/s), [London, England: Gordon & Breach 1977] 21889
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CONFERENCE INDEX

Some conference proceedings are published in separate parts with individual titles. Where this occurs, they are listed under the main conference title.

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- Advances in laser technology;** Washington, DC, USA, 28-29 March 1978, (Soc. Photo-Optical Instrumentation Engrs.) J.H.Smith, T.C.Freitag (editor/s), [Bellingham, WA, USA: Soc. Photo-Optical Instrumentation Engrs. 1978] 36911 (introductory abstract), 36875-8, 36886-7, 36890, 36912-16, 36934-8, 36965
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- Airborne reconnaissance, data collection;** Washington, DC, USA, 28-29 March 1978, (Soc. Photo-Optical Instrumentation Engrs.) J.H.Smith, T.C.Freitag (editor/s), [Bellingham, WA, USA: Soc. Photo-Optical Instrumentation Engrs. 1978] 32078 (introductory abstract), 30598-9, 31826-33, 31843, 32079-83
- Alloy 800;** Petten, Netherlands, 14-16 March 1978, W.Betteridge, R.Krefeld, H.Krockel, S.J.Lloyd, M.Van de Voorde, C.Vivange (editor/s), [Amsterdam, Netherlands: North-Holland 1978, \$61.00] 43296 (introductory abstract), 43277, 43297-8, 43366-71, 43435-9, 43553, 43552, 45600, 47720-1, 47774-8, 47837-44
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- Analysis instrumentation;** Charleston, WV, USA, 17-19 May 1977, (ISA) J.R.Combs, F.D.Martin, W.H.Wagner (editor/s), [Pittsburgh, PA, USA: ISA 1977] 16100 (introductory abstract), 14682, 16101-11, 16521, 16659-60
- Analytical chemistry in nuclear fuel reprocessing;** Gatlinburg, TN, USA, 4-6 Oct. 1977, W.S.Lyon (editor/s), [Princeton, NJ, USA: Science Press 1978] 9847 (introductory abstract), 9825, 9848, 11870-9, 12786, 12921, 13505-13, 16112-16
- ANS Annual Meeting 1978;** San Diego, CA, USA, 18-22 June 1978, [1978] 17972 (introductory abstract), 17908, 17973-4, 18005, 18040-9, 18066, 18410, 18435, 22449, 22475, 22495, 22978-9, 24883-7, 24913
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- Antennas and propagation 1978.II;** London, England, 28-30 Nov. 1978, (IEE) [London, England: IEE 1978] 16629-36, 16725, 16751-4, 22882, 25321-2, 25371-3, 25398
- Applied mathematics;** Delft, Netherlands, 11-13 Jan. 1978, A.J.Hermans, M.W.C.Oosterveld (editor/s), [Groningen, Netherlands: Sijthoff & Noordhoff 1978] 2617 (introductory abstract), 2629, 2640, 2737, 3823, 3998, 7380, 7724
- Applied Superconductivity;** Pittsburgh, PA, USA, 25-28 Sept. 1978, (IEEE) [Jan. 1979] 33374 (introductory abstract), 30447, 30485, 30494-5, 30554, 31244, 31250-3, 31255-9, 31275-7, 31319-20, 32196-7, 33376-7, 33383-6, 33392-4, 33398-9, 33414-15, 33420, 33424-7, 33429-34, 33441-2, 33975-6, 35796-9, 36400-8, 36432-5, 36439-45, 37527-8, 38049, 38211-20, 38254-8, 38265-8, 38271-91, 38740, 38756, 38767-8, 38878, 42713
- Astronomical Society of the Pacific summer meeting;** Park City, UT, USA, 21-23 June 1978, [Oct.-Nov. 1978] 21201 (introductory abstract), 21287, 21399

- Atmospheric radiation;** Davis, CA, USA, 28-30 June 1978, [April 1978] 5611 (introductory abstract).
- Atomic, molecular, and solid-state theory, collision phenomena, and computational methods;** Flagler Beach, FL, USA, 12-18 March 1978, 30268, 30280, 30354, 30375, 31357, 31360-4, 31374-6, 31407-8, 31411-14, 31424, 31430, 31433, 31436-40, 31466, 31495, 31519, 31643, 31748, 33051, 33219, 33255-8, 33455, 33860, 34291, 34328
- Atomic scale structure of amorphous solids;** Yorktown Heights, NY, USA, 3-5 April 1978, [Dec. 1978] 37622 (introductory abstract), 37597, 37623-4, 37627-31, 37636, 38030, 38379, 38586
- Atoms and atomic spectra, theory;** Leningrad, USSR, 1-4 Feb. 1977, [1977] 10059 (introductory abstract), 9069, 9132-3, 9603, 10007-10, 10046-50, 10060-1, 10067, 10073, 10076-9, 10082, 10086-7, 10205, 10235, 10633, 10855, 11033
- Automatic control.II;** Philadelphia, PA, USA, 15-20 Oct. 1978, (*ISA; IEEE; et al*) [Pittsburgh, PA, USA: ISA 1978] 48256
- Automatic control.II;** Philadelphia, PA, USA, 15-20 Oct. 1978, (*ISA; IEEE; et al*) [Pittsburgh, PA, USA: ISA 1978] 48380, 48569
- Automatic control.IV;** Philadelphia, PA, USA, 15-20 Oct. 1978, (*ISA; IEEE; et al*) [Pittsburgh, PA, USA: ISA 1978] 48205, 48228-9, 48244
- Bioengineering;** Cape Town, South Africa, 26-28 April 1977, [May 1978] 24958-9, 25001-2, 25020-4, 25178
- Bioengineering;** Cape Town, South Africa, 26-28 April 1977, [April 1978] 20695 (introductory abstract), 20575, 20717-18, 25158-60
- Bioengineering;** Cape Town, South Africa, 26-28 April 1977, [June 1978] 39624
- Biomedical techniques;** Stuttgart, Germany, 31 May - 3 June 1978, [May-June 1978] 232, 1991-2, 2019, 2089, 2098-9, 2117, 2126-7, 2143-6, 2157-65, 2167-9, 5188, 5335, 5342, 5392-3, 5401-5, 5409-19, 8563-83, 12028-30, 16180, 16208, 16225-8, 16264, 16320-4, 16335-42, 16345-7, 16352
- Biophysical Society 23rd Annual Meeting;** Atlanta, GA, USA, 26-28 Feb. 1979, [Feb. 1979] 34468 (introductory abstract),
- Biotelemetry;** Garmisch-Partenkirchen, West Germany, 28 May - 2 June 1978, [1978] 43980 (introductory abstract),
- CAD interactive techniques;** Bologna, Italy, 21-23 Sept. 1978, (*IEEE; ACM; et al*) [New York, USA: IEEE 1978] 30630, 35017
- Carburizing and nitriding: fundamentals, processes and properties;** Cincinnati, OH, USA, 11-12 Nov. 1975, [Nov. 1978] 24656 (introductory abstract), 24547, 24612, 24657-60
- Cardiology and pulmonary function findings and assessment criteria for flying;** London, England, 24-28 Oct. 1977, (*AGARD M.C.Lancaster (editor/s)*, [Neuilly-sur-Seine: AGARD 1978] 39531 (introductory abstract),
- Cathode workshop;** Washington, DC, USA, 29 Jan. - 2 Feb. 1978, (*Dept. Defense*) [Jan. 1979] 43068 (introductory abstract), 40643, 42600, 43072-3, 43089
- CCD/SAW devices for signal and image processing;** Ottawa, Canada, 11-15 Oct. 1977, (*AGARD Y.Brault (editor/s)*, [Neuilly-sur-Seine, France: AGARD 1978] 32159 (introductory abstract), 30563, 32145-7, 32160-4, 32176-9, 34964
- CERN 1978 School of Physics;** Austerlitz-Zeist, Netherlands, 4-17 June 1978, (*CERN*) [Geneva, Switzerland: CERN 1978] 30857 (introductory abstract), 30670, 30714-15, 30730, 30858
- Chemistry, theoretical;** Boulder, CO, USA, 25-30 June 1978, (*Battelle Memorial Inst.; Nat. Sci. Found.; et al*) [Nov. 1978] 36511 (introductory abstract), 36502, 36512-13, 36538-40, 36563-5, 36600, 36705, 39125, 39131
- Circuit theory and design;** Lausanne, Switzerland, 4-8 Sept. 1978, (*G.S.Moschytz, J.Nierynck (editor/s)*, [St. Saphorin, Switzerland: Georgi 1978, SFr. 95.00] 16263
- Cleveland electrical/electronics conference;** Cleveland, OH, USA, 9-11 May 1978, (*IEEE*) [New York, USA: IEEE 1978] 20703-4, 20737-8
- Cloud physics and atmospheric electricity;** Issaquah, WA, USA, 31 July - 4 Aug. 1978, [April 1978] 5551 (introductory abstract),
- CO₂ climate and society;** Laxenburg, Austria, 21-24 Feb. 1978, (*IIASA: WMO: UNEP: SCOPE*) J.Williams (editor/s), [Oxford, England: Pergamon 1978, \$30.00] 8679 (introductory abstract),
- Communication systems and theory;** Darlington, England, 8-20 Aug. 1977, J.K.Skwrzynski (editor/s), [Alphen aan den Rijn, Netherlands: Sijthoff & Noordhoff 1978, \$70.00] 1022
- Communications and power;** Montreal, Canada, 18-20 Oct. 1978, (*IEEE*) [New York, USA: IEEE 1978] 27255
- Complex systems, theoretical approach;** Tübingen, Germany, 11-12 June 1977, R.Heim, G.Palm (editor/s), [Berlin, Germany: Springer-Verlag 1978, \$12.40] 1939, 1997, 2033, 2044-5, 2055, 2065
- Compound semiconductor interfaces;** Los Angeles, CA, USA, 17-20 Jan. 1978, (*American Vacuum Soc., Office Naval Res.*) [July-Aug. 1978] 1613, 1626
- Compsac 78;** Chicago, IL, USA, 13-16 Nov. 1978, (*IEEE*) [New York, USA: IEEE 1978] 26789
- Computer applications in medical care;** Washington, DC, USA, 5-9 Nov. 1978, (*IEEE; ACM; et al*) [New York, USA: IEEE 1978] 25132 (introductory abstract), 25025-7, 25091-100, 25115, 25133, 25144-7, 25150-3, 25179
- Computer simulation 1978;** Los Angeles, CA, USA, 24-26 July 1978, (*SCS; IAS; AMS; SHARE; et al*) [Montvale, NJ, USA: AFIPS Press 1978] 10546, 10564, 10582, 12325, 20607, 20689, 29975-6, 29997
- Computers in activation analysis and gamma-ray spectroscopy;** Mayaguez, Puerto Rico, 1-4 May 1978, (*American Nuclear Soc.; et al*) [1978] 1983 (introductory abstract), 233-4, 722-4, 754-5, 1984-9, 2228, 2495, 9509, 9752-5, 9912-17, 9941-59, 9975-6, 9983-6, 11845-67, 12411-13
- Connector technology;** Cherry Hill, NJ, USA, 25-26 Oct. 1978, (*AMP Inc., Amphenol Sales Div., et al*) [Camden, NJ, USA: Electronic Connector Study Group Inc. 1978] 37039-40, 41457
- Control system simulation;** Vienna, Austria, 27-29 Sept. 1978, (*IMACS*) I.Troch (editor/s), [Amsterdam, Netherlands: North-Holland 1978] 9826-9, 11964, 12015
- Crime countermeasures;** Lexington, KY, USA, 17-19 May 1978, (*Univ. Kentucky; IEEE*) [Lexington, KY, USA: Univ. Kentucky 1978] 6158, 8557
- Crystallography;** Warszawa, Poland, 3-12 Aug. 1978, [1 Aug. 1978] 23481 (introductory abstract),
- Cybernetics and systems topics;** Amsterdam, Netherlands, 21-25 Aug. 1978, J.Rose (editor/s), [Berlin, Germany: Springer-Verlag 1978, \$34.00] 48227, 48243, 48281-4, 48338
- Decision and control;** San Diego, CA, USA, 10-12 Jan. 1979, (*IEEE*) [New York, USA: IEEE 1979] 25828, 26512, 26659, 26865, 27197, 27580, 29696, 29718, 29738, 29914-15, 29920, 30374, 34521, 34577, 34599, 34668, 35018, 39444
- Differential equations and applications;** Netherlands, 29 Aug. - 2 Sept. 1977, W.Eckhaus, E.M.de Jager (editor/s), [Amsterdam, Netherlands: North-Holland 1978, \$31.00] 17196, 17246, 17959, 18569, 18870, 19080, 20365
- Display research;** Cherry Hill, NJ, USA, 24-26 Oct. 1978, (*IEEE; et al*) [New York, USA: IEEE 1978] 47404
- Distributed parameter systems control;** Coventry, England, 28 June - 1 July 1977, (*IFAC*) S.P.Banks, A.J.Pritchard (editor/s), [Oxford, England: Pergamon 1978] 3897 (introductory abstract), 3898
- Earth observation;** Toulouse, France, 6-11 March 1978, (*ESA; Council of Europe; Comm. European Communities; et al*) [Paris, France: European Space Agency 1978] 35015 (introductory abstract),
- Earth's EM field;** Hrubanovo, Czechoslovakia, 8-10 Oct. 1975, M.Hvozda (editor/s), [Bratislava, Czechoslovakia: Veda 1978] 39646 (introductory abstract), 39647-56, 39988-92, 40018, 40039-41, 40054-5
- Electric contact phenomena;** Chicago, IL, USA, 11-15 Sept. 1978, (*IEEE*) [March 1979] 42638
- Electrical and electronics engineers in Israel;** Tel-Aviv, Israel, 10-13 Oct. 1977, (*IEEE*) [New York, USA: IEEE 1978] 2830, 3334, 3628, 3646, 3700, 3715, 3767, 3805, 4121, 5245, 5268, 5288, 5294, 5300, 5367-8, 5386-8, 5407, 7229
- Electrocardiology;** Balatonfured, Hungary, 20-23 Sept. 1977, Z.Antolcay (editor/s), [Amsterdam, Netherlands: Excerpta Medica 1978, \$77.75] 39384 (introductory abstract), 35514, 39385-407, 39426, 39550-64, 39568-87, 43844-60, 43990, 44018-20, 44023-47, 44049-50, 44063
- Electromagnetic wave scattering in radio communications;** Cambridge, MA, USA, 3-7 Oct. 1977, (Agard) A.N.Ince (editor/s), [Neuilly-sur-Seine, France: Agard 1978] 29836 (introductory abstract), 29837-42, 29862, 29911-12, 29933-4, 34935
- Electron microscopy;** Nancy, France, 23-25 May 1978, [Sept. 1978] 41915 (introductory abstract), 41947, 42070-2, 42079-81, 43339, 46567
- Electron microscopy, Tashkent;** Tashkent, USSR, 5-8 Oct. 1976, [1978] 6219 (introductory abstract), 6220-34, 7529-30, 7633, 8191, 9258-63, 10850, 10874, 10876, 10882, 11021-32, 11140, 11239, 11473, 11619, 11634, 11718, 11838
- Electron microscopy, Tashkent;** Tashkent, USSR, 5-8 Oct. 1976, [1977] 21736, 21854-5, 23506-9, 23544, 23611, 23810, 23821, 23848-53, 24045, 24352, 24524, 26182-6, 27881-3, 27990-1, 28011, 28215, 28222-7, 28843, 32864
- Electron microscopy, Tashkent;** Tashkent, USSR, 5-8 Oct. 1976, 12779, 12886-92, 14683, 14816, 14835, 15030-4, 15424, 15669-70, 16068
- Electron spectroscopy;** Melbourne, Australia, 22-25 Aug. 1978, [Jan. 1979] 33868 (introductory abstract), 30187, 30615-17, 31419, 31483-5, 31599-608, 31623-4, 31712-15, 31734, 31739, 33181, 33864, 33872, 33887-99, 34499, 38713
- Electronic imaging systems applications;** Washington, DC, USA, 30-31 March 1978, (*Soc. Photo-Optical Instrumentation Engrs.*) R.E.Franse, D.K.Schroder (editor/s), [Bellingham, WA, USA: Soc. Photo-Optical Instrumentation Engrs. 1978] 32085 (introductory abstract), 30564-5, 30574, 30637, 30939, 32086, 34277, 34598, 35097-8, 35135-8
- Electrophotography;** Washington, DC, USA, 15-18 Nov. 1977, [May-June 1978] 2849 (introductory abstract), 2854-8
- Electrophotography;** Washington, DC, USA, 15-18 Nov. 1977, [July-Aug. 1978] 17520-8, 19109-10
- Emerging concepts in advanced nuclear energy systems;** Graz, Austria, 29-31 March 1978, [1978] 13381 (introductory abstract), 13382, 13497-8, 13516-21, 14567
- Emerging concepts in advanced nuclear energy systems;** Graz, Austria, 29-31 March 1978, [1978] 13383, 13522, 14559-60, 17960, 18030-2
- Energy;** London, England, 30 Jan. - 1 Feb. 1979, (*IEE*) [London, England: IEE 1979] 43709 (introductory abstract), 43712-21, 43724-40, 43748-9, 43756-7, 43774-6, 43784, 43788-90, 43792-3, 48041-5, 48066, 48074-83, 48140-1
- Energy conversion;** San Diego, CA, USA, 20-25 Aug. 1978, [Warrendale, PA, USA: Soc. Automotive Engrs. 1978] 48038 (introductory abstract),
- Energy conversion.I;** San Diego, CA, USA, 20-25 Aug. 1978, [Warrendale, PA, USA: Soc. Automotive Engrs. 1978] 45397, 48039-40, 48046-65, 48093-4, 48103-22, 48131-8, 48164-5, 48186-7, 48652
- Energy conversion.II;** San Diego, CA, USA, 20-25 Aug. 1978, [Warrendale, PA, USA: Soc. Automotive Engrs. 1978] 48084-91, 48095-9, 48142-5, 48153, 48166-8, 48183-5, 48188-9
- Energy conversion.III;** San Diego, CA, USA, 20-25 Aug. 1978, [Warrendale, PA, USA: Soc. Automotive Engrs. 1978] 47115, 48067-73, 48100-1, 48146-51, 48154-62, 48169-79, 48182
- Engineering aspects of gas lasers;** London, England, 23 Nov. 1978, (*IEE*) [London, England: IEE 1978] 31940 (introductory abstract), 31889, 31941-7
- Engineering in medicine and biology 1978;** Atlanta, GA, USA, 21-25 Oct. 1978, [Bethesda, MD, USA: Alliance for Engng. in Medicine & Biology 1978] 39332 (introductory abstract),
- Environmental system modelling, identification, land control;** Ghent, Belgium, 30 Aug. - 2 Sept. 1977, (*IFIP*) G.C.Vansteenkiste (editor/s), [Amsterdam, Netherlands: North-Holland 1978, \$89.00] 25250 (introductory abstract), 23362, 29510
- Evaluation and calibration of ultrasonic transducers;** London, England, 11-12 May 1977, [Guildford, England: IPC Sci. & Technol. Press Ltd. 1978, £16.00] 23167 (introductory abstract), 23168-80, 24714, 25056-7
- Ewald dynamical diffraction;** Norman, OK, USA, 23 March 1978, [1 Jan. 1979] 19120-1, 19123, 19126, 19173-4, 19188, 23479-80, 23482-90, 23494, 23505, 23556, 27865-72, 27875-6, 27940-1, 27944-5, 27949, 27955-7, 27970, 28014, 28026, 28076, 28716, 29672
- Excitation in nuclei;** Varenna, Italy, 26 July - 7 Aug. 1976, A.Bohr, R.A.Brogia (editor/s), [Amsterdam, Netherlands: North-Holland 1977, \$80.00] 17834 (introductory abstract), 17789, 17828, 17835-40, 17883, 17932
- Experimental stress analysis;** Munich, Germany, 18-22 Sept. 1978, [Dusseldorf, Germany: VDI-Verlag GmbH 1978] 34256 (introductory abstract), 30420, 30443, 30453-6, 30463-5, 30523, 30537, 30937, 32279-81, 32305, 32402-27, 33666, 33671, 34095, 34121, 34148-51, 34183, 34210-11, 34257-76, 34695, 34811, 35016, 35713, 35724, 37182, 39108-11, 40537-8, 40560, 41023, 41355-7, 41636-44, 41780, 43307-8, 43365, 43539-47, 45903, 46218, 47763
- Fast biochemical reactions in solutions, membranes and cells;** Airlie, VA, USA, 2-5 April 1978, [Oct. 1978] 8485 (introductory abstract), 8470-1, 8473, 8476-81, 8483, 8487-8, 8507, 8585-6
- Ferroelectric materials;** Kyoto, Japan, 17-19 Nov. 1977, [1978] 19846 (introductory abstract),

- Ferroelectricity, Leningrad;** Leningrad, USSR, 18-23 Sept. 1977, [1978] 15406 (introductory abstract), 15341, 15407, 15411-16, 15434, 19845, 19850-1, 19859
- Ferroelectricity, Leningrad;** Leningrad, USSR, 18-23 Sept. 1977, [1978] 32883-4, 33049, 33098, 33125, 33614, 33618-29, 37693, 37715, 37827, 37855, 38367, 38372, 38399, 38439-43, 38454, 38463-82, 38505-10, 38669
- Ferroelectricity, Leningrad;** Leningrad, USSR, 18-23 Sept. 1977, [1978] 33587-9, 33597, 33610, 33630-7, 33652-4, 33660-3, 33672-3, 33681-6, 33716, 33848, 36859-60, 36950, 36955, 37678-9, 37759, 37761, 37800-2, 37805, 37828-32, 37856, 38004, 38121-4, 38311, 38400-1, 38425-33, 38448, 38455, 38459-62, 38483-99, 38511, 38518-19, 38528-30, 38553-4, 38558-9, 38708, 38731, 42236, 42915
- Ferroelectricity, Leningrad;** Leningrad, USSR, 18-23 Sept. 1977, [1978] 41443-4, 42093, 42324, 42343, 42533, 42538, 42565-6, 42575-81, 42675-6, 42882-5, 42892, 42897-901, 42905-8, 42910-12, 42916-21, 42924-8, 42932-5, 43175, 43779, 46810, 47177, 47393, 47627
- Field theory, current trends;** Tallahassee, FL, USA, 6-7 April 1978, [1978] 12923 (introductory abstract), 12675-8, 12759, 12992, 13011, 13022-8, 16819
- Finite elements in nonlinear mechanics;** Stuttgart, Germany, 30 Aug. - 1 Sept. 1978, [Jan. 1979] 44727 (introductory abstract), 44711, 44728-9, 44737-8, 46183, 46260
- Finite elements in nonlinear mechanics;** Stuttgart, Germany, 30 Aug. - 1 Sept. 1978, [Feb. 1979] 40362, 41565, 41568-9, 41612, 44730, 46223-4
- Fluid mechanics: advanced problems and methods;** Olsztyn-Kortowo, Poland, 5-10 Sept. 1977, [1978] 46277 (introductory abstract), 44883, 46220, 46279-80, 46283, 46288, 46297, 46303, 46321-2, 46330, 46335-6, 46340-1, 46343-6, 46352-3, 46359-60, 46386-7, 46403, 48529
- Fracture mechanics;** Washington, DC, USA, Sept. 1978, *N. Perrone, H. Liebowitz, D. Mulville, W. Pilkey* (editor/s), [Charlottesville, VA, USA: Univ. Press, Virginia 1978, \$25.00] 43422 (introductory abstract), 41620-8, 41635, 43423-34, 43494-5, 43535-8
- Gauge theories, facts and prospects;** Schladming, Austria, 21 Feb. - 3 March 1978, *CERN; et al* [1978] 26203 (introductory abstract), 25877, 26204-13, 26249-52, 26274-5, 26286-7, 26322, 26337, 26340
- Geophysical interpretation methods;** Bratislava, Czechoslovakia, May 1974, [Bratislava, Czechoslovakia: Veda 1978] 35001 (introductory abstract), 34730-1, 34740-7, 34761-4, 34782-3, 35002-14
- Graph theory and applications;** Kalamazoo, MI, USA, 11-15 May 1976, *Y. Alavi, D.R. Lick* (editor/s), [Berlin, Germany: Springer-Verlag 1978, \$23.00] 9074
- Guided wave optical systems and devices;** Washington, DC, USA, 28-29 March 1978, *(Soc. Photo-Optical Instrumentation Engrs.) E. Garmire* (editor/s), [Bellingham, WA, USA: Soc. Photo-Optical Instrumentation Engrs. 1978] 37031 (introductory abstract), 36852-4, 36931-3, 37032-8, 37053-9, 39466-7
- Heat transfer.IV;** Toronto, Canada, 7-11 Aug. 1978, *(Nat. Res. Council Canada, et al)* [Washington, DC, USA: Hemisphere Publishing Corp. 1978] 187-93, 611, 1047, 1051-3, 1069-92, 1098-9, 1181-2, 1238, 1244-6, 1353, 1369, 1967, 3889-95, 3899-901, 4015-16, 4054-5, 7277
- Heat transfer.V;** Toronto, Canada, 7-11 Aug. 1978, *(Nat. Res. Council Canada, et al)* [Washington, DC, USA: Hemisphere Publishing Corp. 1978] 612-14, 637-8, 1176, 1183-92, 1198, 1203-4, 1211, 1214, 1218-21, 1225-30, 1247-51, 1256, 1270-1, 3202, 3225, 3908, 4082
- Heat transfer.VI;** Toronto, Canada, 7-11 Aug. 1978, *(Nat. Res. Council Canada, et al)* [Washington, DC, USA: Hemisphere Publishing Corp. 1978] 1093-4, 1193-6, 1222, 1239, 1272, 2290, 3902-3, 4017, 4056, 4074
- High latitude experiments;** Ajaccio, Corsica, 24-29 April 1978, *(ESA)* [Paris, France: European Space Agency 1978] 35019 (introductory abstract)
- High polymer physics;** Washington, DC, USA, 27-30 March 1978, [Oct. 1978] 11633 (introductory abstract), 10807-10, 11383, 11386-7, 11425-6, 11610, 11643, 11651, 11666, 11885, 15829
- High-power lasers and applications;** Munich, Germany, 20-22 June 1977, *K.L. Komp, H. Walthers* (editor/s), [Berlin, Germany: Springer-Verlag 1978, \$24.00] 964 (introductory abstract), 926, 937-44, 946-9, 958, 972-5, 979, 3490, 3592, 3677-8, 3688, 3695, 3713-14, 3738, 3748, 3751, 5131, 5155, 5171
- High pressure research;** Darmstadt, Germany, 28-31 March 1977, [1977] 23677 (introductory abstract), 21507, 21557, 21761-2, 22701, 23495, 23529, 23540, 23697, 23706-8, 23715, 23734, 24301, 24500, 2444-6
- High temperature vapors and gases;** Gaithersburg, MD, USA, 18-22 Sept. 1978, [Washington, DC, USA: Nat. Bur. Standards 1978] 40579 (introductory abstract)
- High voltage networks;** Baden, Switzerland, 29-30 Sept. 1977, *K. Ragaller* (editor/s), [New York, USA: Plenum 1978] 27861-4
- Identification and system parameter estimation.I;** Tbilisi, USSR, 21-27 Sept. 1976, *(IFAC) N.S. Rajbman* (editor/s), [Amsterdam, Netherlands: North-Holland 1978] 2034, 2096-7, 2166, 5308, 5400
- Identification and system parameter estimation.II;** Tbilisi, USSR, 21-27 Sept. 1976, *(IFAC) N.S. Rajbman* (editor/s), [Amsterdam, Netherlands: North-Holland 1978] 3201, 5458, 5536-41, 5609, 8650
- Identification and system parameter estimation.III;** Tbilisi, USSR, 21-27 Sept. 1976, *(IFAC) N.S. Rajbman* (editor/s), [Amsterdam, Netherlands: North-Holland 1978] 2402
- Image restoration and enhancement;** London, England, 19 Dec. 1978, *(IEE)* [London, England: IEE 1978] 25101 (introductory abstract), 25102-3, 25180-1
- Industry applications;** Toronto, Ontario, Canada, 1-5 Oct. 1978, *(IEEE)* [New York, USA: IEEE 1978] 17447-8, 17549-52, 17594, 18068, 18871, 18994-5, 19114-19, 20370
- Inelastic electron tunnelling spectroscopy;** Columbia, MO, USA, 25-27 May 1977, *T. Wolfgram* (editor/s), [Berlin, Germany: Springer-Verlag 1978] 3509-11, 3598, 4479-81, 4597, 4603, 4625-7
- Information 78;** Bled, Yugoslavia, 2-7 Oct. 1978, *V. Rajkovic* (editor/s), [Ljubljana, Yugoslavia: Informatika 1978] 15961, 20736, 25143
- Information display technology;** San Francisco, CA, USA, 17-21 April 1978, *(Soc. Information Display)* [Los Angeles, CA, USA: Soc. Information Display 1978] 9209 (introductory abstract), 10797-8, 11472, 11933, 11940, 12320
- Infrared astronomy;** Lecce, Italy, 22-24 Sept. 1977, [March 1978] 48685 (introductory abstract), 48567, 48587, 48646, 48678-9, 48683, 48686-9, 48829, 48869, 48897-8, 48965-6, 48972
- Infrared detectors;** Los Angeles, CA, USA, 16-18 Jan. 1978, *(Soc. Photo-Optical Instrumentation Engrs.) J.J. Spiro* (editor/s), [Bellingham, WA, USA: Soc. Photo-Optical Instrumentation Engrs. 1978] 2822 (introductory abstract), 2823-9, 3798-9, 5749-55
- Infrared optics;** Los Angeles, CA, USA, 16-17 Jan. 1978, *(Soc. Photo-Optical Instrumentation Engrs.) J. Zimmerman, G. Speake* (editor/s), [Bellingham, WA, USA: Soc. Photo-Optical Instrumentation Engrs. 1978] 23085 (introductory abstract), 21705, 21814, 22980, 23034, 23046-50, 23086-8, 23107, 25365
- Instrumentation for space astronomy;** Tel Aviv, Israel, 7-18 June 1977, *(COSPAR; Internat. Astron. Soc.) K. van der Hucht, G. Vaiana* (editor/s), [Oxford, England: Pergamon 1978, \$45.00] 25473 (introductory abstract), 25445-7, 25474-504, 25508-11, 25518-20
- Interface problems, computational techniques;** San Francisco, CA, USA, 10-15 Dec. 1978, *(ASME) K.C. Park, D.K. Gartling* (editor/s), [New York, USA: ASME 1978, \$24.00] 41655 (introductory abstract), 40993, 41024, 41563-4, 41585, 41631-2, 41752, 42420
- Ion Beam Analysis;** Washington, DC, USA, 27 June - 1 July 1977, [15 Feb. - 1 March 1978] 5194 (introductory abstract), 2747, 2779-80, 2879-84, 2894-6, 3266, 3289, 3328-9, 3388, 3529-30, 3621-2, 4182, 4308, 4315-16, 4320-1, 4325-35, 4342-3, 4345-65, 4413, 4431, 4434, 4455-8, 4482, 4489-93, 4874-83, 5195-239, 5364, 5431, 7760
- Ion implantation;** Yorktown Heights, NY, USA, 14 June 1978, [Sept.-Oct. 1978] 14826 (introductory abstract), 14686, 14827-31, 15043, 15329
- Italian Astronomical Society 20th Meeting;** Frascati, Italy, 7-10 Oct. 1976, *(Italian Astron. Soc.)* [Dec. 1977] 21199 (introductory abstract), 21192, 21394-6
- Italian Astronomical Society 21st Meeting;** Bologna, Italy, 20-23 Oct. 1977, *(Italian Astron. Soc.)* [Dec. 1977] 21200 (introductory abstract), 21212, 21217, 21221, 21254, 21286
- Laser chemistry advances;** Pasadena, CA, USA, 20-22 March 1978, *A.H. Zewail* (editor/s), [Berlin, Germany: Springer-Verlag 1978] 39181 (introductory abstract), 35849-51, 35857, 36499, 36554, 36624, 36654-5, 36693, 36712-13, 36746, 36790, 36891, 38552, 38667, 39182-3, 39375, 40627-8, 41097, 41157, 41159, 41174, 41185, 41195, 41203, 41208-10, 41227, 41232-3, 43580
- Laser induced damage in optical materials;** Boulder, CO, USA, 4-6 Oct. 1977, *(Nat. Bur. Standards) A.J. Glass, A.H. Guenther* (editor/s), [Washington, DC, USA: Nat. Bur. Standards 1977] 14048 (introductory abstract), 13969-71, 14010-23, 14049-61, 14063-6, 14085-6, 14125-9, 15468, 15488, 15506, 15549, 18450, 18463-5, 18493, 19629, 19952-4
- Laser spectroscopy;** Graz, Austria, 19-21 June 1978, [1979] 26137 (introductory abstract), 26138, 26975, 26983, 27029, 27045, 27057, 27119, 27198, 27274-5, 27320-1, 27335, 28715, 28729-31, 28848, 28886, 29365, 29419, 29577
- Lasers and their applications;** Dresden, East Germany, 28 March - 1 April 1977, [Dec. 1977] 7137 (introductory abstract), 6189-91, 6196, 6926, 6946, 6979, 7030, 7105, 7111, 7134, 7149-50, 7157, 7166, 7172-3, 7176-81, 7184-5, 7187, 7225, 8187, 8528-9
- Lithium;** Corning, NY, USA, 12-14 Oct. 1977, [June 1978] 48473 (introductory abstract), 45401, 47815, 48474-83, 48577
- Low energy ion beams;** Salford, England, 5-8 Sept. 1977, *K.G. Stephens, I.H. Wilson, J.L. Moruzzi* (editor/s), [Bristol, England: Inst. Phys. 1978, \$44.00] 30640-10, 30629, 31292, 31336, 31741-2, 31788, 33934, 33946, 44982-3, 45507-11, 46902, 47583-4
- Low light and thermal heating;** Nottingham, England, 3-5 April 1979, *(IEE)* [London, England: IEE 1979] 36856 (introductory abstract), 35812, 36982-4, 37041-7, 39860-3, 40614-16, 40639
- Luminescence;** Paris, France, 17-21 July 1978, [Jan. 1979] 33755 (introductory abstract), 31559, 31580-8, 31738, 33238, 33244, 33335, 33565-6, 33702, 33717, 33731, 33756-811, 33837, 33843-4, 33849-50, 36647, 36682-90, 38409, 38563-4, 38576, 38592-605, 38668, 38678, 38683, 39358-9
- Luminescence;** Paris, France, 17-21 July 1978, [Jan. 1979] 33239, 33268-9, 33718, 33812-20, 33845, 34476, 34497-8, 37992, 38017, 38538, 38606-36, 38671-5, 38679, 39343, 39360, 42499, 42871-2, 43018-23, 43042, 43045, 46009, 47360, 47496-503, 47522, 47524, 47528
- Magnet technology;** Bratislava, Czechoslovakia, 29 Aug. - 2 Sept. 1977, [Bratislava, Czechoslovakia: ALFA 1978] 30499 (introductory abstract)
- Magnet technology.I;** Bratislava, Czechoslovakia, 29 Aug. - 2 Sept. 1977, [Bratislava, Czechoslovakia: ALFA 1978] 30500-3, 30522, 31192-210, 31248, 31260-9, 31293-302, 31315-17, 31352, 32806-7, 34519-20, 34579-80, 34667, 39383
- Magnet technology.II;** Bratislava, Czechoslovakia, 29 Aug. - 2 Sept. 1977, [Bratislava, Czechoslovakia: ALFA 1978] 30452, 30504-15, 31211-17, 31270-4, 31303, 31353-5, 31771-3, 31785, 32808-9, 33372-3, 33381, 33422, 33437-40, 34147, 34442
- Magnetic fields computation;** Grenoble, France, 4-6 Sept. 1978, *(IEEE; SEE; IEE; et al.)* [Grenoble, France: Laboratoire d'Electrotechnique 1978] 41262 (introductory abstract), 40384, 41053-4, 41265, 41270-9, 41289-301, 41329, 41866-7, 41906
- Magnetic materials and devices;** Florence, Italy, 9-12 May 1978, [Sept. 1978] 199, 690, 1258, 1455, 1590-1, 1659-62, 1665, 1685-7, 1690, 1695-6, 1700-2, 1715, 1726-8, 2009, 2087, 2116, 4709
- Magnetism 1978;** Freudenstadt & Bad Nauheim, Germany, 6-10 March 1978, [Oct.-Nov. 1978] 24121 (introductory abstract), 21788-9, 23751, 23937, 23958, 24097, 24132, 24138-9, 24161, 24169-79, 24189-91, 24196, 24201, 24209, 24241-3, 24314, 25816, 26092, 28511, 28555-60, 28566, 28568-9, 28583, 28620, 28653, 30497, 33265, 33311, 33464, 33487, 33703-4, 33719
- Mathematical methods in the theory of elementary particles;** Liblice, Czechoslovakia, 18-23 June 1978, [1979] 21891 (introductory abstract), 21573-4, 21619, 21654, 21893-901, 22004, 22018-19
- Mathematical methods in the theory of elementary particles;** Liblice, Czechoslovakia, 18-23 June 1978, [1979] 30267, 30273-4, 30298, 30336-7, 30395, 30642-6, 30675-6, 30820, 33164, 33735, 34305, 35083
- Measurement of force and mass;** Braunschweig, West Germany, 13-15 Sept. 1978, [Dusseldorf, West Germany: VDI-Verlag GmbH 1978] 35725 (introductory abstract), 35681-2, 35714-22, 35726-35, 37266-9
- Mechanical engineering;** Haifa, Israel, 11-12 July 1977, [1977] 15683 (introductory abstract), 14234, 14304, 14389, 14445, 15690, 15801, 15885
- Mechanical engineering properties and applications of ceramics;** London, England, 14-15 Dec. 1977, [July 1978] 38840 (introductory abstract), 38746, 38781, 38915-17, 38968-71, 39010-12, 39083
- Medical effects of environmental noise;** Gothenburg, Sweden, 1977, [8 July 1978] 5311 (introductory abstract), 3851, 3947-50, 5312-25

- Mesonic interface between nuclear structure and particle physics;** Erice, Italy, 2-14 Sept. 1976, [1978] 26374 (introductory abstract), 26375-80, 26400-2, 26412
- Metallurgical coatings;** San Francisco, CA, USA, 3-7 April 1978, [15 Aug. 1978] 15052 (introductory abstract), 12882, 14993, 15027, 15053-9, 15567, 15843, 15876-8, 16092
- Metallurgical coatings;** San Francisco, CA, USA, 3-7 April 1978, [1 Sept. 1978] 23788, 23846, 23867-70, 24075, 24084, 24091, 24434, 24449, 24642, 24670-5
- Metallurgical coatings;** San Francisco, CA, USA, 3-7 April 1978, [15 Sept. 1978] 19469, 19492, 19494, 20201-2, 20290, 20327, 24085, 24627-8, 24676-7
- Metallurgical coatings;** San Francisco, CA, USA, 3-7 April 1978, [2 Oct. 1978] 23871-3, 24100, 24435-6, 24439-40, 24450-2, 24678-80
- Metallurgical coatings;** San Francisco, CA, USA, 3-7 April 1978, [16 Oct. 1978] 28008-9, 28103, 28154, 28219, 28245-7, 28258, 28971-2, 29483-5
- Metallurgical coatings;** San Francisco, CA, USA, 3-7 April 1978, [1 Nov. 1978] 28212, 28248-56, 28259, 28492, 28900, 28919, 29060, 29156, 29251-3, 29283-4, 29687
- Micas;** Orleans, France, 9 Feb. 1978, [1979] 48457 (introductory abstract), 46612, 47420, 48458
- Microbeam Analysis Society annual conference;** Ann Arbor, MI, USA, 19-23 June 1978, [Washington, DC, USA: Nat. Bur. Standards 1978] 39258 (introductory abstract), 35888, 35892, 37598, 38698, 38705-6, 39259-70, 39312, 39453, 39625-31, 42309, 42665, 43079, 43088, 43256, 43295, 43548, 43600-1, 43683-707, 43772-3, 43969, 44073-5, 48036-7
- Microprocessor systems 1978;** Sydney, Australia, 21-22 Nov. 1978, [Barton, Australia: Inst. Engrs. Australia 1978] 26104, 27369, 29913
- Microprocessors in automation and communications;** Canterbury, England, 19-22 Sept. 1978, [London, England: IERE 1978] 25130-1, 25142
- Microwave power;** Ottawa, Canada, 28-30 June 1978, [Internat. Microwave Power Inst.] [Edmonton, Canada: Internat. Microwave Power Inst. 1978] 18008, 19059, 20369
- Microwave symposium;** Ottawa, Canada, 27-29 June 1978, [Dec. 1978] 18517
- Microwave technology;** Paris, France, 4-8 Sept. 1978, [Sevenoaks, England: Microwave Exhibitions & Publishers Ltd. 1978] 25366-70, 26081, 26136, 27442-5, 28885, 29565, 29578, 29655, 29992, 30491-2, 33594, 34254-5, 34427, 34629-30, 34721
- Military microwaves;** London, England, 25-27 Oct. 1978, [Sevenoaks, England: Microwave Exhibitions & Publishers Ltd. 1978] 38386
- Missile engineering optics;** Los Angeles, CA, USA, 17-18 Jan. 1978, [Soc. Photo-optical Instrumentation Engrs. G.C.Knight, E.E.Benton (editor/s), [Bellingham, WA, USA: Soc. Photo-Optical Instrumentation Engrs. 1978] 8694-5, 8726
- Molecular spectroscopy 1978;** Columbus, OH, USA, 12-16 June 1978, [Nat. Sci. Found., Ohio State Univ.] [Columbus, OH, USA: Ohio State Univ 1978] 35848 (introductory abstract),
- Multiple stars;** Oaxtepec, Mexico, 13-16 Oct. 1975, [May 1977] 44539 (introductory abstract), 44348, 44370, 44379, 44483, 44540-69
- Neutron inelastic scattering;** Vienna, Austria, 17-21 Oct. 1977, [IAEA] [Vienna, Austria: IAEA 1978] 41912 (introductory abstract),
- Neutron inelastic scattering.I;** Vienna, Austria, 17-21 Oct. 1977, [IAEA] [Vienna, Austria: IAEA 1978] 44984-5, 45323-4, 45516-21, 45528-9, 46521, 46579-81, 46761, 46773, 47351
- Neutron scattering;** Gatlinburg, TN, USA, 6-10 June 1976, [Oak Ridge Nat. Lab., US Energy and Development Administration] [Springfield, VA, USA: US Dept. Commerce 1976] 41910 (introductory abstract),
- Neutron scattering.II;** Gatlinburg, TN, USA, 6-10 June 1976, [Oak Ridge Nat. Lab., US Energy and Development Administration] [Springfield, VA, USA: US Dept. Commerce 1976] 41259, 41911, 41935-9, 41956, 41989-93, 42004, 42012-14, 42037-42, 42050, 42059, 42156, 42165-8, 42173-88, 42190, 42194-7, 42201, 42205, 42208-10, 42243, 42298, 42316, 42393-4, 42687, 42711-12, 42760-1, 42783-4, 42922-3, 43255, 43814, 43829, 44696, 46514, 46640-1
- Neutron scattering.III;** Gatlinburg, TN, USA, 6-10 June 1976, [Oak Ridge Nat. Lab., US Energy and Development Administration] [Springfield, VA, USA: US Dept. Commerce 1976] 45000, 45512-15, 45571, 45601, 46411, 46417, 46515-20, 46525, 46538-40, 46544-7, 46552, 46760, 46860, 46873-4, 46877, 47065-7, 47227, 47231, 47234-5, 47243-55, 47262, 47264-72, 47274-5, 47293-4, 47297-9
- Neutron standards and applications;** Gaithersburg, MD, USA, 28-31 March 1977, [Nat. Bur. Standards; et al. C.D.Bowman, A.D.Carlson (editor/s), [Washington, DC, USA: Nat. Bur. Standards 1977] 9581 (introductory abstract), 9582-91, 9649-55, 9734, 9824, 9919-20, 9936-7, 9960-1, 9968-71, 9977-81, 12012-14, 13361-6, 13543-4, 13587-8
- Noise;** Bad Nauheim, West Germany, 13-16 March 1978, D.Wolf (editor/s), [Berlin, Germany: Springer-Verlag 1978, \$29.50] 24031 (introductory abstract), 21533-4, 21671-2, 21751-3, 21784, 22986, 23014-15, 23522, 24022, 24032-43, 24086, 24109, 24115-17, 24197-9, 24371, 24720, 28389
- Noise control;** San Francisco, CA, USA, 8-10 May 1978, [Internat. Inst. Noise Control Engng.] W.W.Lang (editor/s), [Poughkeepsie, NJ, USA: Noise Control Foundation 1978] 18594 (introductory abstract), 18568, 18572-3, 18595-604, 18610, 18616-17, 18646-54, 18882, 20553
- Nonlinear optics;** Novosibirsk, USSR, June 1977, [Aug. 1978] 36953 (introductory abstract), 35808, 35844-5, 36571, 36574, 36580-1, 36591-4, 36731, 36902, 36947, 36954, 36961-2, 40442, 40626, 40634, 41052, 41129, 41194, 41201, 41205-7, 41371-3, 41387, 41416-19, 41426-7, 41852, 42467
- Nuclear and space radiation effects;** Albuquerque, NM, USA, 18-21 July 1978, [IEEE] [Dec. 1978] 19276 (introductory abstract), 17489, 17996, 18094, 18518-19, 19666-73, 22386, 22448, 22484-7, 22524, 22672, 22757, 23641-2, 23644-5, 23653, 23663, 24078, 24088, 24383, 24388, 25432-4, 26949
- Nuclear engineering remote systems technology;** San Francisco, CA, USA, 28 Nov. - 2 Dec. 1977, [Remote Systems Technol. Div.] [La Grange Park, IL, USA: American Nuclear Soc. 1977] 45438 (introductory abstract), 45380-6, 45394-6, 45417-23, 45439-66, 48651
- Nuclear molecular phenomena;** Hvar, Yugoslavia, 30 May - 3 June 1977, N.Cindro (editor/s), [Amsterdam, Netherlands: North-Holland 1978, \$52.25] 9614 (introductory abstract), 9449-50, 9615-27, 13192-3, 13308, 13314, 13331-45, 13367
- Nuclear physics;** Mikolajki, Poland, 30 Aug. - 11 Sept. 1977, [1978] 26381-2, 26391, 26415, 26445, 26455
- Nuclear power and its fuel cycle;** Salzburg, Austria, 2-13 May 1977, [IAEA] [Vienna, Austria: IAEA 1977] 26503 (introductory abstract),
- Nuclear power and its fuel cycle.I;** Salzburg, Austria, 2-13 May 1977, [IAEA] [Vienna, Austria: IAEA 1977] 26504 (introductory abstract), 26505-11, 26592-4, 26686-9, 26732-46, 26751-2
- Nuclear power and its fuel cycle.II;** Salzburg, Austria, 2-13 May 1977, [IAEA] [Vienna, Austria: IAEA 1977] 26533-45, 26595, 26690-707, 30922-8, 31110-14, 36333
- Nuclear power and its fuel cycle.III;** Salzburg, Austria, 2-13 May 1977, [IAEA] [Vienna, Austria: IAEA 1977] 30910, 30929-36, 31069, 31115-51, 31161-2, 36395
- Nuclear power and its fuel cycle.IV;** Salzburg, Austria, 2-13 May 1977, [IAEA] [Vienna, Austria: IAEA 1977] 26596-612, 26770-82, 29488-9, 31070-84, 31152-3, 31163-6, 31232-6
- Nuclear power and its fuel cycle.V;** Salzburg, Austria, 2-13 May 1977, [IAEA] [Vienna, Austria: IAEA 1977] 26613-56, 26708-13, 26747, 31085-7, 36396
- Nuclear power and its fuel cycle.VI;** Salzburg, Austria, 2-13 May 1977, [IAEA] [Vienna, Austria: IAEA 1977] 31154-6, 31167-75
- Nuclear power and its fuel cycle.VII;** Salzburg, Austria, 2-13 May 1977, [IAEA] [Vienna, Austria: IAEA 1977] 26546, 26657, 26714-21
- Nuclear power reactors;** Lausanne, Switzerland, 5-7 Oct. 1977, [Oct. 1978] 36326 (introductory abstract), 36327-30, 39045-6
- Nuclear power systems;** Washington, DC, USA, 18-20 Oct. 1978, [IEEE] [Feb. 1979] 41045 (introductory abstract), 41003-5, 41062-78, 41082, 41085, 41310, 43971, 44993, 45337-8, 45358-69, 45426-30, 45491, 45530-58, 45572-92, 45602-12, 46478, 46689, 47045, 47104-5, 47564, 47898, 48195-7, 48324-30, 48382, 48643, 48673-7
- Nuclear reactor pressure components reliability;** Vienna, Austria, 10-13 Oct. 1977, [IAEA] [Vienna, Austria: IAEA 1978] 17986 (introductory abstract),
- Nuclear reactor pressure components reliability.I;** Vienna, Austria, 10-13 Oct. 1977, [IAEA] [Vienna, Austria: IAEA 1978] 17976, 18009-20, 18029, 20191-9, 20293
- Nuclear reactor pressure components reliability.II;** Vienna, Austria, 10-13 Oct. 1977, [IAEA] [Vienna, Austria: IAEA 1978] 22383-5, 22428-39, 22451-3, 23283, 24683, 24711-13
- Nuclear spectroscopy and atomic nucleus structure;** Tashkent, USSR, 22-25 March 1977, [1977] 6365-6, 6377, 6379-80, 6391, 6406-7, 6463-4, 6478, 6495, 6500, 6506-8, 9431, 9466, 9502, 9528-9, 9540, 9545, 9551-5, 9592, 9596, 9656
- Nuclear spectroscopy and atomic nucleus structure;** Tashkent, USSR, 22-25 March 1977, [1977] 6470 (introductory abstract), 6310, 6361-4, 6378, 6387-90, 6471-7, 6492-4, 6497-9, 6504-5, 6527, 6537, 6540, 6558-9, 6589
- Nuclear Spectroscopy and atomic nucleus structure;** Tashkent, USSR, 22-25 March 1977, [1977] 9432-9, 9451, 9454-6, 9463-4, 9467-9, 9485-6, 9499, 9501, 9503, 9512-14, 9530-1, 9534-6, 9542, 9556-60, 9593, 9597-600, 11359, 11482, 11486
- Nuclear spectroscopy and atomic nucleus structure;** Tashkent, USSR, 23-25 March 1977, [1978] 5994, 6392, 6408-9, 6426, 6432-3, 6465, 6479-81, 6496, 6501-3, 6509-11, 6655, 6563, 6570, 6590-4, 6630-2, 6647, 7605, 9515, 9561
- Nuclear spectroscopy and atomic nucleus structure;** Tashkent, USSR, 22-25 March 1977, [1977] 9510
- Nuclear structure and reactions, clustering aspects;** Winnipeg, Canada, 19-23 June 1978, [IUPAP: Nat. Res. Council Canada; et al.] [1978] 3099 (introductory abstract), 3097-8, 3100-3, 3105, 3164-5, 3185, 5744, 6315, 6360, 6374, 6384-6, 6395-405, 6436-58, 6518-19, 6523-6, 6535-6, 6539, 6545-50, 6557, 6560-2, 6569, 6575-88, 6614-29, 6637-46, 6652-82, 6701-10, 6717, 8898
- Numerical methods in laminar and turbulent flow;** Swansea, Wales, 17-21 July 1978, C.Taylor, K.Morgan, C.A.Brebba (editor/s), [London, England: Pentech Press 1978] 1155 (introductory abstract), 610, 1142-54, 1156, 1162-4, 1171-5, 1180, 1197, 1201-2, 1210, 1224, 1235-7, 1242-3, 1252-5, 1269, 3200, 3887-8, 3999, 4011-14, 4026-8, 4030, 4036, 4042, 4049, 4099, 7413
- Numerical simulation of fluid motion;** Melbourne, Australia, 1976, J.Noye (editor/s), [Amsterdam, Netherlands: North-Holland 1978, \$66.75] 9116 (introductory abstract), 9117-25, 10423, 10446-7, 10589, 12130-4, 12162-3, 12321
- Oceanic fronts;** New Orleans, LA, USA, Oct. 1977, [20 Sept. 1978] 2246 (introductory abstract), 2247-68, 2301, 2303, 2358, 5488
- Oceans '78;** Washington, DC, USA, 6-8 Sept. 1978, [IEEE: Marine Technol. Soc.] [New York, USA: IEEE 1978] 5658 (introductory abstract), 3226, 3835-7, 3863, 3873-5, 3883, 5470-1, 5494-8, 5506-7, 5509-11, 5542-3, 5659-92, 8728, 12554-5, 16676-7, 16720-4, 20814-15, 20865-7, 21024, 21082-3
- Online computer control system trends;** Sheffield, England, 27-29 March 1979, [IEE] [London, England: IEE 1979] 36375
- Operations research;** Heidelberg, Germany, 1-3 Sept. 1976, [1977] 9776
- Optical coatings;** Washington, DC, USA, 28-29 March 1978, [Soc. Photo-Optical Instrumentation Engrs.] G.W.Debell, D.H.Harrison (editor/s), [Bellingham, WA, USA: Soc. Photo-Optical Instrumentation Engrs. 1978] 46028 (introductory abstract), 44926-7, 45904, 45951-2, 45988-9, 46029-30, 46052-3, 46093-4, 47181, 47629, 48181
- Optical fibre communication;** Washington, DC, USA, 6-8 March 1979, [IEEE: IS4] [New York, USA: IEEE 1979] 46058 (introductory abstract), 45968-71, 46059-85, 46095
- Optical techniques in magnetic resonance spectroscopy;** Dublin, Ireland, 2 Aug. - 1 Sept. 1977, [1978] 18212, 18217-22, 19766-7, 19804, 19807-12, 19933, 20517-18
- Optics applied to metrology;** Strasbourg, France, 26-28 Oct. 1977, [Soc. Photo-Optical Instrumentation Engrs.] [Bellingham, WA, USA: Soc. Photo-Optical Instrumentation Engrs.] 1978] 6159 (introductory abstract), 6093-5, 6119, 6160, 6172-5, 7081, 7103-4, 7228, 7353, 7432, 8419-20, 8727
- Order in polymer solutions;** Midland, MI, USA, 20-24 Aug. 1973, [Jan. 1976] 10769 (introductory abstract), 10770-4, 11793, 11884, 11899
- Organic solid state chemistry;** Waltham, MA, USA, 13-16 June 1978, [1979] 46990 (introductory abstract), 46577, 46585, 46591-2, 46596, 46646, 46782, 46801, 46813, 46832, 47048, 47062, 47085, 47357, 47475-7, 47917, 47954, 48129
- Organised molecular systems; monomolecular layers, micellar and bilayer membranes;** Elmau, West Germany, April 1978, [Sept. 1978] 39188 (introductory abstract), 37614, 37915, 38119, 39349, 39364, 39376
- Parallel processing;** Bellare, MI, USA, 22-25 Aug. 1978, [IEEE: Wayne State Univ.] [New York, USA: IEEE 1978] 34562
- Phase boundaries and multiphase systems;** Tokyo, Japan, 4-10 Sept. 1977, [1978] 29415 (introductory abstract), 29396-9, 29416-17, 29508

- Phase diagrams in metallurgy and ceramics.I:** Gaithersburg, MA, USA, 10-12 Jan. 1977, [*Nat. Bur. Standards*] (Washington, DC, USA: Nat. Bur. Standards 1978) 6241, 7672-5, 8274-8, 8287-93, 8413-18, 11590
- Phase diagrams in metallurgy and ceramics:** Gaithersburg, MA, USA, 10-12 Jan. 1977, [*Nat. Bur. Standards*] (Washington, DC, USA: Nat. Bur. Standards 1978) 4946 (introductory abstract).
- Phase diagrams in metallurgy and ceramics.II:** Gaithersburg, MA, USA, 10-12 Jan. 1977, [*Nat. Bur. Standards*] (Washington, DC, USA: Nat. Bur. Standards 1978) 10830, 10912-23, 11551, 11561-75, 11591-6, 11880
- Phosphorescent detectors and X-ray converters:** Riga, USSR, 5-7 Oct. 1976, [1977] 6243 (introductory abstract), 6244-8, 6768-70, 6793-4, 7484, 8168-73, 8192-8, 8542-3, 8558, 9890, 12288
- Photographic science:** Rochester, NY, USA, 20-26 Aug. 1978, [*Internat. Committee for the Sci. Photography*] (Washington, DC, USA: SPSE 1978) 20394 (introductory abstract), 17536-48, 18362, 18381-2, 19171-2, 19235, 19241, 19376, 19398-9, 19406, 19439, 19495, 19551-6, 19630-4, 19835-6, 19934-5, 19988, 20380, 20395-451, 20501, 21836-47, 22605, 23742, 23776-8, 23933, 24211, 24233, 24758-61, 24779-803, 25090, 25141
- Photovoltaic technology 1978:** Washington, DC, USA, 5-8 June 1978, [*IEEE*] [New York, USA: IEEE 1978] 7863 (introductory abstract), 7781, 7839, 7864-5, 7892, 7914-16, 8234, 8241-5, 8250, 11089, 11186, 11256-8, 11508-11, 11523, 12359, 14087-9, 14834, 15153, 15192, 15218, 15224, 15240-2
- Physical and technical acoustics:** Leningrad, USSR, 8-11 Oct. 1977, [May-June 1978] 18579 (introductory abstract), 23116, 23124-6, 23142, 23261-9, 23310
- Physics careers, [employment] and [education];** University Park, PA, USA, 1-3 Aug. 1977, [1977] 2591 (introductory abstract), 5946-60
- Picoscend phenomena:** Hilton Head, SC, USA, 24-26 May 1978, *C.V.Shank, E.P.Ippen, S.L.Shapiro* (editor/s), [Berlin, Germany: Springer-Verlag 1978] 44940 (introductory abstract), 44932, 44941-5, 44949-52, 45689, 45705-6, 45734, 45758-9, 45769, 45773, 45808, 45876, 45940-1, 45965-7, 45978-81, 46003-7, 46012-15, 46017, 46024, 46465, 46491-2, 46488, 47018, 47027-8, 47109, 47462-3, 47482-3, 47516-18, 47922, 48163, 48214-18
- Plasma science:** Monterey, CA, USA, 15-17 May 1978, [*IEEE*] [New York, USA: IEEE 1978] 37442 (introductory abstract).
- Plasma surface interactions in controlled fusion devices:** Abingdon, England, 3-7 April 1978, [Sept.-Oct. 1978] 209, 648-75, 1319-21, 1328-30, 1339, 1356-7, 1469, 1547-8, 1803, 1806-8, 1923, 2778, 3235-9, 4341, 5078, 5192
- Position location and navigation:** San Diego, CA, USA, 6-9 Nov. 1978, [*IEEE*] [New York, USA: IEEE 1978] 25374 (introductory abstract), 21719, 25186, 25375-8, 25450-1, 27474-5, 29916, 29977-8, 32165-7
- Power conference:** Chicago, IL, USA, 18-20 April 1977, [*Illinois Inst. Technol.*] [Chicago, IL, USA: Illinois Inst. Technol. 1977, \$30.00] 36374, 36393-4
- Power electronics 1978:** Syracuse, NY, USA, 13-15 June 1978, [*IEEE; et al.*] [New York, USA: IEEE 1978] 14622
- Power engineering:** Los Angeles, Los Angeles, CA, USA, 16-21 July 1978, [*IEEE*] [New York, USA: IEEE 1978] 22440, 29446, 29448, 29456
- Power measurement at higher microwave frequencies:** London, England, 15 Jan. 1979, [*IEE*] [London, England: IEE 1979] 26082 (introductory abstract), 26083-5
- Precision Electromagnetic Measurement:** Ottawa, Canada, 26-29 June 1978, [*IEEE; et al.*] [Dec. 1978] 21731 (introductory abstract), 21709-16, 21720, 21768-78, 21785, 22964-5, 25340
- Prospective medicine opportunities in aerospace medicine:** London, England, 24-28 Oct. 1977, [*AGARD*] *J.Triebwasser* (editor/s), [Neuilly-sur-Seine, France: AGARD 1978] 39532 (introductory abstract).
- Pulse power modulators:** Buffalo, NY, USA, 20-22 June 1978, [*IEEE*] [New York, USA: IEEE 1978] 13563-4, 13972-3, 14001, 14603, 18436-7
- Pure and applied chemistry:** Tokyo, Japan, 4-10 Sept. 1977, [1978] 15614, 16512, 16517
- Pure and applied chemistry:** Tokyo, Japan, 4-10 Sept. 1977, [1978] 40625, 41160, 43575, 43667-8
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- PVC physics:** Lyon-Villeurbanne, France, 5-9 July 1976, [*IUPAC; et al.*] [1977] 7554 (introductory abstract), 7044-8, 7349, 7555-6, 7713, 8264, 8408
- PVC physics:** Lyon-Villeurbanne, France, 5-9 July 1976, [*IUPAC; et al.*] [1977] 8265-7, 8270, 8324-5
- Quality health care and cost containment:** Washington, DC, USA, 29 March - 1 April 1978, [Arlington, VA, USA: Assoc. for the Advancement of Medical Instrumentation 1978] 39333 (introductory abstract).
- Quantum biology and pharmacology:** Flagler Beach, FL, USA, 3-11 March 1978, [1978] 24934 (introductory abstract), 22586-7, 22758, 22874-5, 24935-7, 24942, 24954, 26868
- Radiation induced atomic rearrangements in ordering and clustering alloys:** Atlanta, GA, USA, 7-8 March 1977, [Dec. 1978] 42099 (introductory abstract), 42106, 42114-15, 43252
- Radio receivers and associated systems:** Southampton, England, 11-14 July 1978, [*IERE; IEE; RSGB*] [London, England: IERE 1978] 7271-2, 12228
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- Range instrumentation, photo and electro-optics:** Fort Walton Beach, FL, USA, 13-14 March 1978, [*Soc. Photo-Optical Instrumentation Engrs.*] *W.J.Carroll, J.Cornell, J.E.Durrenberger, R.Peterson* (editor/s), [Bellingham, WA, USA: Soc. Photo-Optical Instrumentation Engrs. 1978] 35533, 35881, 36855, 36981, 39993-4, 40081
- Reactor noise:** Gatlinburg, TN, USA, 19-23 Sept. 1977, [1977] 622-4, 641, 3193-5, 3209-18, 3233, 3338, 3971, 13389-95, 13442-54
- Real-time simulation.I:** Bowness, England, May 1975, *R.E.Crosbie, J.L.Hay* (editor/s), [La Jolla, CA, USA: Soc. Computer Simulation 1978] 33274
- Real-time simulation.II:** Bowness, England, May 1975, *R.E.Crosbie, J.L.Hay* (editor/s), [La Jolla, CA, USA: Soc. Computer Simulation 1978] 29523
- Recombination in semiconductors:** Southampton, England, 30 Aug. - 1 Sept. 1978, [Nov.-Dec. 1978] 38087 (introductory abstract), 35822, 37699-700, 37784, 37999-8001, 38022-6, 38080-1, 38088-100, 38129, 38154, 38186-7, 38410-11, 38557, 38643-55, 38676, 38680, 39310-11, 42558-9, 43034, 45944, 47023
- Recrystallization:** Leeds, England, 4-6 April 1978, [March-April 1979] 47706 (introductory abstract), 46675-6, 46830, 47695, 47707-17, 47728-35
- Relaxational phenomena in polymers:** San Francisco, CA, USA, Aug. 1976, [1977] 4257 (introductory abstract), 4258-9, 4990-3, 5013, 5247, 7679
- Relaxational phenomena in polymers:** San Francisco, CA, USA, Aug. 1976, [1977] 3980, 4403-4, 4739, 4811, 4994, 5014, 8041
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- Scanning electron microscopy:** Los Angeles, CA, USA, 17-21 April 1978, *O.Johari* (editor/s), [AMF O'Hare, IL, USA: Scanning Electron Microscopy Inc. 1978] 12899 (introductory abstract), 12783-5, 12883, 12900-13, 12918, 14660, 14812, 15681, 15844, 16097-9, 16147, 1617, 16360, 17554-5, 17573-81, 17593, 18089, 18655, 19256, 19607, 2023, 20335, 20500, 20719, 20735, 21482, 21704, 21707, 21863-80, 21888, 24395, 24487, 24881, 25238-9
- Scientific session of the Division of General Physics and Astronomy, USSR Academy of Sciences (June 1977):** Moscow, USSR, 29-30 June 1977, [Jan. 1978] 18062 (introductory abstract), 18063-4, 18198, 18304, 18342
- Seismic instrumentation:** Durham, England, Aug. 1977, [Feb. 1979] 39905 (introductory abstract), 39906-19
- Seismic zoning:** Erice, Italy, 13-23 April 1977, [June 1978] 44104 (introductory abstract), 44105-13, 44160, 48419
- Semiconductor microlithography 1978:** San Jose, CA, USA, 10-11 April 1978, [*Soc. Photo-Optical Instrumentation Engrs.*] *R.L.Ruddell, D.Ciarlo, J.Dey, K.Hoepner* (editor/s), [Bellingham, WA, USA: Soc. Photo-Optical Instrumentation Engrs. 1978] 30636, 31834, 32031-2
- Seminar seminar 1978:** London, England, 10-14 April 1978, [1978] 10319, 10392-3
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- Simulation.II:** Miami Beach, FL, USA, 4-6 Dec. 1978, [*NBS; AIIE; IEEE; et al.*] [New York, USA: IEEE 1978] 26658, 29805-6
- Small accelerator applications: research and industry:** Denton, TX, USA, 6-8 Nov. 1978, [*IEEE*] [Feb. 1979] 45470 (introductory abstract), 44918, 44981, 44986, 45208, 45226, 45243, 45249-55, 45275, 45402-11, 45467-8, 45471-83, 45485, 45492-9, 45522-4, 45559-60, 45593-6, 45640, 45661-5, 45668, 45684-5, 45736, 45789-93, 45809-20, 45828-34, 45920, 46457-8, 46479-82, 46721-2, 46727, 47032, 47547-52, 47899, 48004-15, 48581, 48644
- Solar activity and the neutrino problem:** Leningrad, USSR, 25-27 Sept. 1976, [1977] 13254, 14590, 16756-7, 16776, 16827, 16831, 16837, 16887, 16914-18, 21111-15, 21122-3, 21127, 21250-2
- Solid State Chemistry:** Strasbourg, France, 26-28 Feb. 1978, [Jan. 1979] 46506 (introductory abstract), 46527, 46619-20, 46674, 46800, 47038, 47061, 47504, 47587, 47609, 47645, 47915
- Solid state devices:** Montpellier, France, 11-15 Sept. 1978, [*European Phys. Soc.; et al.*] [Dec. 1978] 33333 (introductory abstract), 33337, 33357-8, 34434-5, 37094, 37720, 37724, 38140, 38177-81, 38202-6, 38642, 38729, 39305
- Solid state image scanners, industrial applications:** London, England, 14 March 1978, *D.J.Purill* (editor/s), [Bellingham, WA, USA: Soc. Photo-Optical Instrumentation Engrs. 1978] 30938, 32084
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- Sonar signal processing:** London, England, 16 Nov. 1978, [London, England: IEE 1978] 18618 (introductory abstract), 18574, 18619-26
- Space flight applications in materials science and technology:** Gaithersburg, MD, USA, 20-21 April 1977, [*Nat. Aeronautics and Space Administration*] *S.Silverman, E.Passaglia* (editor/s), [Washington, DC, USA: Nat. Bur. Standards 1978] 47881 (introductory abstract), 46402, 46410, 46783, 46787, 46816, 46825, 47605-7, 47622, 47669-74, 47700, 47882-5, 48351
- Space observations of long-term climatic change:** Prague, Czechoslovakia, 30 Sept. 1977, [July-Aug. 1978] 29843 (introductory abstract), 29844-8, 29964-5
- Space research:** Tel Aviv, Israel, 7-18 June 1977, *M.J.Rycroft, A.C.Stickland* (editor/s), [Oxford, England: Pergamon 1978, \$100.00] 25448 (introductory abstract), 25449
- Statistical physics:** Haifa, Israel, 24-30 Aug. 1977, *D.Cabib, C.G.Kuper, I.Riess* (editor/s), [Bristol, England: Adam Hilger Ltd. 1978, \$30.00] 30353 (introductory abstract).
- Statistical physics.I:** Haifa, Israel, 24-30 Aug. 1977, *D.Cabib, C.G.Kuper, I.Riess* (editor/s), [Bristol, England: Adam Hilger Ltd. 1978, \$30.00] 30365, 30373, 30385-7, 30402-4, 30713, 30821, 31757-8, 31848, 33080, 35311
- Statistical physics.II:** Haifa, Israel, 24-30 Aug. 1977, *D.Cabib, C.G.Kuper, I.Riess* (editor/s), [Bristol, England: Adam Hilger Ltd. 1978, \$30.00] 40443-4, 40460-3, 40467-72, 40480-96, 40502-4, 40511-21, 40678, 41924, 41957, 42213-14, 42220-2, 42232, 42244, 42268, 42273, 42294, 42395, 42715-16, 42720-4, 42727-9, 42742, 42762, 42785-91, 42803-4, 42889, 43211
- Stochastic processes in [nonequilibrium] systems:** Sitges, Spain, 11-23 June 1978, *L.Garrido, P.Seglar, P.J.Shepherd* (editor/s), [Berlin, Germany: Springer-Verlag 1978, \$17.80] 25987 (introductory abstract), 25864, 25988-91, 26018-19, 28075
- Structural reliability of mechanical components and subassemblies of nuclear power plants:** San Francisco, CA, USA, 22-23 Aug. 1977, [Oct. 1978] 594 (introductory abstract).
- Submillimetre waves and their applications:** Guildford, England, 29 March - 1 April 1978, [Dec. 1978] 31916 (introductory abstract), 30534-5, 30543-52, 30577-86, 31509, 31517-18, 31849, 31857, 31864-73, 31917-18, 31925, 31949, 31982-3, 32015, 32048-9, 32736, 32794, 32814-18, 32868, 33221, 33540, 33602-3, 33656, 33687-96, 33736, 33896-7, 34979-80, 35020, 35092-4, 35143
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Arbok for Universitetet i Bergen, Matematisk-naturvetenskapelig Serie
 University of Bergen. Distribution address: Box 307, Blindern, Oslo 3, Norway

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ABU Technical Review Asian Broadcasting Union, Broadcasting Centre, 2-2-1 Jinnan, Shibuya-ku, Tokyo 150, Japan

ACEC Rev. (Belgium) - (ACECA8)
ACEC Review Ateliers de Constructions Electriques de Charleroi, ACEC-VPV, B.P.4, 6000 Marcinelle-Charleroi, Belgium

ACM Trans. Database Syst. (USA) - (ATDSD3)
ACM Transactions on Database Systems Association for Computing Machinery, 1133 Avenue of the Americas, New York, NY 10036, USA

ACM Trans. Math. Software (USA) - (ACMSCU)
ACM Transactions on Mathematical Software Association for Computing Machinery, P.O. Box 12105, Church Street Station, New York, NY 10249, USA

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- Astron. & Astrophys. Suppl. Ser. (Switzerland)** - (AAESB9)
Astronomy and Astrophysics Supplement Series Institut d'Astronomie de l'Universite de Lausanne et Observatoire de Geneve, CH-1290 Sauverny, Switzerland
- Astron. & Space (GB)** - (AYSPBY)
Astronomy & Space Bratton Publishing Ltd., 17 Rutland Street, Edinburgh, EH1 2AQ, Scotland
- Astron. J. (USA)** - (ANJOAA)
Astronomical Journal Published for the American Astronomical Society by the American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
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Astronomische Nachrichten Akademie-Verlag, DDR-108 Berlin, Leipziger Strasse 3-4, Germany
- Astron. Tidsskr. (Sweden)** - (ANTKBF)
Astronomisk Tidskrift Editorial address: Institutionen for Astronomi, 222 24 Lund, Sweden
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Astronomicheskii Vestnik ablyasht 918, Moskva, K-9, USSR [English translation in: *Sol. Syst. Res. (USA)*]
- Astron. Zh. (USSR)** - (ASZHA2)
Astronomicheskii Zhurnal Agent: Mezhdunarodnaya Kniga, Moskva, USSR [English translation in: *Sov. Astron. (USA)*]
- Astronomy (USA)** - (ASTRD5)
Astronomy Astro Media Corp., 411 E. Mason Street, 6th Floor, Milwaukee, WI 53202, USA
- Astrophys. & Space Sci. (Netherlands)** - (APSSBE)
Astrophysics and Space Science D. Reidel Publishing Co., P.O. Box 17, 3300 AA Dordrecht, Netherlands
- Astrophys. J. (USA)** - (ASJOAB)
Astrophysical Journal University of Chicago Press, 5801 Ellis Avenue, Chicago, IL 60637, USA
- Astrophys. J. Lett. Ed. (USA)** - (AJLEAU)
Astrophysical Journal. Letters to the Editor University of Chicago Press, 5801 Ellis Avenue, Chicago, IL 60637, USA
- Astrophys. J. Suppl. (USA)** - (APJSA2)
Astrophysical Journal Supplement University of Chicago Press, 5801 Ellis Avenue, Chicago, IL 60637, USA
- Astrophys. Lett. (GB)** - (ASTLAI)
Astrophysical Letters Gordon & Breach Science Publishers Ltd., 41 and 42 William IV Street, London, WC2, England
- Astrophysics (USA)** - (ATPYAA)
Astrophysics [Translation of: *Astrofizika (USSR)*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
- At. & Strom (Germany)** - (ATSTAA)
Atom und Strom Vereinigung Deutscher Elektrizitatswerke, Verlags-u. Wirtschaftsgesellschaft der Elektrizitatswerke, Stresemannallee 23, 6000 Frankfurt (Main) 70, Germany
- At. Absorpt. Newsl. (USA)** - (AABNAC)
Atomic Absorption Newsletter Perkin Elmer Corp., Main Avenue, Norwalk, CT 06856, USA
- At. Data & Nucl. Data Tables (USA)** - (ADNDAT)
Atomic Data and Nuclear Data Tables Academic Press Inc., 111 Fifth Avenue, New York, NY 10003, USA
- At. Energ. (USSR)** - (AENGAB)
Atomnaya Energiya Akademiya Nauk SSR, Leninskii Prospekt 14, Moskva, USSR [English translation in: *Sov. At. Energy (USA)*]
- At. Energy Aust. (Australia)** - (AEAUAM)
Atomic Energy in Australia Australian Atomic Energy Commission, Post Office, Coogee, N.S.W. 2034, Australia
- At. Energy Rev. (Austria)** - (AERVA8)
Atomic Energy Review International Atomic Energy, Karntner Ring 11, P.O. Box 590, A-1011 Vienna, Austria
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Atmospheric Environment Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
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Atom United Kingdom Atomic Energy Authority, 11 Charles II Street, London, SW1Y 4QP, England
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Atomkernenergie Verlag Karl Thieme AG, Pilgersheimerstrasse 38, Postfach 90 0740, D-8000 Munchen 90, Germany
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Atomwirtschaft-Atomtechnik Handelsblatt GmbH, 4 Dusseldorf 1, Kreuzstrasse 21, Postfach 1102, Germany
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Atti della Societa Peloritana di Scienze Fisiche Matematiche e Naturali Universita di Messina, Messina, Italy
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Audio Scene Canada Maclean-Hunter Ltd., 481 University Avenue, Toronto M5W 1A7, Canada

- Aust. Comput. J. (Australia)** - (ACMJB2)
Australian Computer Journal Australian Trade Publications, 28 Chippen Street, Chippendale, N.S.W. 2008, Australia
- Aust. Electron. Eng. (Australia)** - (AUEEB5)
Australian Electronics Engineering Thomson Publications (Australia) Pty. Ltd., 47 Chippen Street, Chippendale, N.S.W. 2008, Australia
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Australian Geomechanics Journal Institution of Engineers, Australia, Science House, Gloucester & Essex Streets, Sydney, N.S.W. 2000, Australia
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Australian Journal of Instrumentation and Control Research Publications Pty. Ltd., 418 Canterbury Road, Surrey Hills 3127, Victoria, Australia
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- Aust. J. Phys. Astrophys. Suppl. (Australia)** - (AJPAB5)
Australian Journal of Physics, Astrophysical Supplement Commonwealth Scientific and Industrial Research Organization, Sixth Floor, 372 Albert Street, East Melbourne, Victoria 3002, Australia
- Aust. Telecommun. Res. (Australia)** - (ATRBH)
Australian Telecommunication Research Telecommunication Society of Australia, Box 4050, G.P.O., Melbourne, Victoria 3001, Australia
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Automation and Control Associated Group Media Ltd., Certified Concrete Building, Madeira Place, Auckland 1, New Zealand
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Automatique & Informatique Industrielles Societe des Editions Radio, 9 Rue Jacob, 75006 Paris, France
- Autom. & Remote Control (USA)** - (AURCAT)
Automation and Remote Control [Translation of: *Avtom. & Telemekh. (USSR)*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
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Automazione e Strumentazione Associazione Nazionale Italiana per l'Automazione, Via Le Premuda 2, 21029 Milano, Italy
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Automated Activities in Health Sciences Libraries LARC Association, P.O. Box 27235, Tempe, AZ 85282, USA
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Automatic Control and Computer Sciences [Translation of: *Avtom. & Vychisl. Tekh. (USSR)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA
- Autom. Control Theory & Appl. (Canada)** - (ACTACB)
Automatic Control Theory and Applications Acta Press, P.O. Box 3243, Postal Station B, Calgary, Alberta T2M 4L8, Canada
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Automatic Data Processing Information Bulletin International Social Security Association, Data processing Consultative Service, Boulevard de l'Empereur 7, B-1000 Brussels, Belgium
- Autom. Mach. (USA)** - (AUMAAB)
Automatic Machining Screw Machine Publishing Co. Inc., 65 Broad Street, Rochester, NY 14614, USA
- Autom. Monit. & Meas. (GB)** - (AUMMC2)
Automatic Monitoring and Measuring [Translation of: *Avtometriya (USSR)*] Scientific Information Consultants Ltd., 661 Finchley Road, London NW2 2HN, England
- Autom. Syst. (Czechoslovakia)** - (ASRID2)
Automatizovane Systémy Rizení - Bulletin INORGA INORGA, Letenská 17, 118 08 Praha 1, Czechoslovakia
- Autom. Weld. (GB)** - (AUWEAQ)
Automatic Welding [Translation of: *Avtom. Svarka (USSR)*] Welding Institute, Abington Hall, Abington, Cambridge CB1 6AL, England
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Automatica Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
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Automation E.D. Publications Ltd., 120 Wigmore Street, London, W1H 0AS, England
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Automatisme Title changed to: *Nouv. Autom. (France)*
- Automatizace (Czechoslovakia)** - (AUTMAZ)
Automatizace SNTL, 11302 Praha 1, Spalena ul. 51, Czechoslovakia
- Automedica (GB)** - (AUMDC9)
Automedica Gordon and Breach Science Publishers Ltd., 41 and 42 William IV Street, London, WC2, England
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Automotive Engineering Society of Automotive Engineers Inc., 400 Commonwealth Drive, Warrendale, PA 15096, USA
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AV Communication Review Association for Educational Communications and Technology, 1126 16th Street, N.W., Washington, DC 20036, USA
- Avh. Nor. Vidensk.-Akad. Oslo I (Norway)** - (AUNVAV)
Avhandlingar utgitt av det Norske Videnskaps-Akademi i Oslo, I. Matematisk-Naturvidenskaplige Klasse Faculty of Mathematics and Science, University of Oslo, Blindern per Oslo, Norway
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Aviation Review Smiths Industries Ltd., Aviation Division, Cricklewood, London NW2 6JN, England
- Avtom. & Telemekh. (USSR)** - (AVTEAI)
Avtomatika i Telemekhanika Akademiya Nauk SSSR, Leninskii Prospekt, 14, Moskva, USSR [English translation in: *Autom. Control & Comput. Sci. (USA)*]
- Avtom. & Vychisl. Tekh. (USSR)** - (AVYTAK)
Avtomatika i Vychislitel'naya Tekhnika Academy of Sciences of Latvian SSR, Riga, USSR [English translation in: *Autom. Control & Comput. Sci. (USA)*]
- Avtom. Svarka (USSR)** - (AVSVAU)
Avtomaticheskaya Svarka Ukrainian SSR Academy of Sciences, Arc Welding Institute, Kiev, USSR [English translation in: *Autom. Weld. (GB)*]
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Avtomatika, Telemekhanika, Syaz' 262 Karl Marx Street, 11 Moskva, USSR
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Automatika Institution of Cybernetics, 102 Brest-Litovskii Prospekt, Kiev 57, USSR [English translation in: *Sov. Autom. Control (USA)*]
- Avtometriya (USSR)** - (AVMEBI)
Avtometriya Science Publishing House, Siberian Division, Novosibirsk, USSR [English translation in: *Autom. Monit. & Meas. (GB)*]
- AWA Tech. Rev. (Australia)** - (AWARA3)
AWA Technical Review AWA Research Laboratories, 422 Lane Cove Road, North Ryde, N.S.W., Australia
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Bangladesh Journal of Scientific and Industrial Research Bangladesh Council of Scientific and Industrial Research, Dacca, Bangladesh
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Bauelemente der Elektrotechnik Title changed to: *Elektron. Entwickl. (Germany)*
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Beck Isolieretechnik Beck Elektro-Isoliertechnik, 200 Hamburg 28, Postfach 280 180, Grossmannstrasse 105, Germany
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Behavior Research Methods and Instrumentation Psychonomic Society Inc., 1108 West 34th Street, Austin, TX 78705, USA
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Belgelectro-Export 21 rue des Drapiers, 1050 Bruxelles, Belgium
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Bell Journal of Economics Formerly: *Bell J. Econ. & Manage. Sci. (USA)* American Telephone and Telegraph Co., 195 Broadway, Room C 1800, New York, NY 10007, USA
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Bell Laboratories Record Bell Telephone Laboratories, Mountain Avenue, Murray Hill, NJ 07974, USA
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Bell System Technical Journal American Telephone and Telegraph Co., 195 Broadway, New York, NY 10007, USA
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Berg- und Huettenmanns Monatshefte Springer-Verlag, A-1011 Wien, Molkerbastei 5, Postfach 367, Austria
- Biofizika (USSR)** - (BIOFAI)
Biofizika Izdatel'stvo 'Nauka', Moskva, USSR [English translation in: *Biophysics (GB)*]
- Biol. Cybern. (Germany)** - (BICYAF)
Biological Cybernetics Springer-Verlag, D-1000 Berlin 33, Heidelberger Platz 3, Germany
- Biomater. Med. Devices & Artif. Organs (USA)** - (BMDOAI)
Biomaterials, Medical Devices, and Artificial Organs Marcel Dekker Inc., 270 Madison Avenue, New York, NY 10016, USA
- Biomed. Eng. (USA)** - (BIOEAF)
Biomedical Engineering [Translation of: *Med. Tekh. (USSR)*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
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Biomedizinische Technik (Biomedical Engineering) Fachverlag Schiele & Schon GmbH, 1 Berlin 16, Markgrafstrasse 11, Germany. Georg Thieme Verlag, 7 Stuttgart 1, Postfach 732, Herdweg 63, Germany
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Biometrika Biometrika Trust, Biometrika Office, University College London, Gower Street, London, WC1E 6BT, England
- Bionika (USSR)** - (BNKABJ)
Bionika Izdatel'stvo 'Naukova Dumka', Kiev, Repina 3, USSR
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Biophysical Journal Rockefeller University Press, 1230 York Avenue, New York, NY 10021, USA
- Biophys. Struct. & Mech. (Germany)** - (BSMHBB)
Biophysics of Structure and Mechanism Springer-Verlag, D-1000 Berlin 33, Heidelberger Platz 3, Germany
- Biophysics (GB)** - (BIOPAE)
Biophysics [Translation of: *Biofizika (USSR)*] Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
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Biorheology Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
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Biotelemetry and Patient Monitoring Formerly: *Biotelemetry (Switzerland)* S. Karger AG, Arnold-Bocklin-Strasse 25, CH-4011 Basel, Switzerland
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Biotelemetry Title changed to: *Biotelem. & Patient Monit. (Switzerland)*
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BIT (Nordisk Tidskrift för Informationsbehandling) Institutionen för Informationsbehandling, Lunds Universitet, Solvegatan 14A, S-22362 Lund, Sweden
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Biuletyn Instytutu Energetyki Issued with: *Energetyka (Poland)*
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BKSTS Journal British Kinematography Sound and Television Society, 110/112 Victoria House, Vernon Place, London, WC1B 3DJ, England
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BLL Review Title changed to: *Interlending Rev. (GB)*

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Boundary-Layer Meteorology D. Reidel Publishing Co., P.O. Box 17, Dordrecht, Netherlands
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BWK. Brennstoff-Waerme-Kraft VDI-Verlag, Postfach 1139, 4 Dusseldorf 1, Germany
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Broadcast Equipment Today Diversified Publications Ltd., Box 423, Station J, Toronto, Ontario M4J 4Y8, Canada
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Brown Boveri Review Brown Boveri, CH-5401 Baden, Switzerland
- Bruel & Kjaer Tech. Rev. (Denmark) - (BKTRAP)**
Bruel and Kjaer Technical Review Bruel & Kjaer, DK-2850 Naerum, Denmark
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Budavox Telecommunication Review Budavox Telecommunication Foreign Trading Co. Ltd., Budapest 62, P.O. Box 267, Hungary
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Building Services Engineer Formerly: *IHYE J. (GB)* Institution of Heating and Ventilating Engineers, 49 Cadogan Square, London, SW1X 0JB, England. Journal merged with *Light & Light*, & *Environ. Des. (GB)* to form *J. Chart. Inst. Build. Serv. (GB)*
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Buletinul Institutului Politehnic 'Gheorghe Gheorghiu-Dej' Bucuresti Calea Grivitei 132, Bucuresti, Rumania. Journal split into three series, *Bul. Inst. Politeh. 'Gheorghe Gheorghiu-Dej' Bucuresti Ser. Chim. - Metal.*, *Ser. Electroteh.* and *Ser. Mec. (Romania)*
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- Bulg. J. Phys. (Bulgaria) - (BJPHD5)**
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- Bull. Acad. Pol. Sci. Ser. Sci. Math. Astron. & Phys. (Poland) - (BAPMAM)**
Bulletin de l'Académie Polonaise des Sciences. Serie des Sciences Mathématiques, Astronomiques et Physiques Polish Academy of Sciences, Distribution Centre for Scientific Publications, Palac Kultury i Nauki, Warszawa, Poland
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Bulletin de l'Académie Polonaise des Sciences. Serie des Sciences Techniques 00-901 Warszawa, Palac Kultury i Nauki, P.O. Box 20, Poland
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Bulletin of the Academy of Sciences of the USSR, Physical Series [Translation of: *Izv. Akad. Nauk SSSR Ser. Fiz.*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA
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Bulletin de l'Académie Serbe des Sciences et des Arts, Classe des Sciences Techniques 35 Knez-Mihailova, 11000 Beograd, Yugoslavia
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- Bull. Astron. Inst. Czech. (Czechoslovakia) - (CABCAZ)**
Bulletin of the Astronomical Institutes of Czechoslovakia Academia, Publishing House of Czechoslovak Academy of Sciences, Vodičkova 40, 112 29 Praha 1, Czechoslovakia
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Bulletin of the Astronomical Society of India Tata Institute of Fundamental Research, Homi Bhabha Road, Bombay 400 005, India
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Bulletin of the Australian Mathematical Society University of Queensland Press, St. Lucia, Queensland 4067, Australia
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Bulletin British Society of Rheology Properties of Fluids Division, National Engineering Laboratory, East Kilbride, Glasgow, Scotland
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Computacards International Title changed to: *Comput. Times with Computacards (GB)*
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Comunicaciones Centro de Informacion de Comunicaciones, Ministerio de Comunicaciones, Habana, Cuba
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CSIO Communications Central Scientific Instruments Organisation, Sector 30, Chandigarh-160020, India
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Current Science Current Science Association, Raman Research Institute, Bangalore 560006, India
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Dainichi-Nippon Cables Review Dainichi-Nippon Cables Ltd., Umeda Bldg., 7-3 Umdeba, Kita-ku, Osaka, Japan
- Danfoss J. (Denmark)** - (DNFJAS)
Danfoss Journal Danfoss Manufacturing Co., Nordborg, Denmark
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Deep-Sea Research Title changed to: *Deep-Sea Res. Part A (GB)*
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Deep-Sea Research Part A, *Oceanographic Research Papers* Formerly: *Deep-Sea Res. (GB)* Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
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Defence Science Journal Metcalf House, New Delhi 6, India
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Defektoskopiya Academy of Sciences of the USSR, Moskva, USSR [English translation in: *Sov. J. Nondestr. Test. (USA)*]
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Delft Progress Report Delft University Press, Mijnbouwplein 11, NL-2208 Delft, Netherlands
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Doklady Akademii Nauk SSSR Izdatel'stvo 'Nauka', 103717 Moskva, Podosnoskii Rep. 21, USSR [English translations of selected articles in: *Sov. Phys.-Dokl. (USA)*]
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Dyna Association Nacional De Ingenieros Industriales de Espana, AL. Mazarredo, 69, 5 Bilbao 9, Apartado 646, Spain
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Eesti NSV Teaduste Akadeemia Fuusika Instituudi Uurimused Formerly: *Eesti NSV Tead. Akad. Fuus. & Astron. Inst. Uurim. (USSR)* Akademii Nauk ESSR, Tallin, USSR
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Electric Comfort Conditioning News Electrical Information Publications Inc., 2132 Fordem Avenue, Madison, WI 53701, USA
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Electrical Communication Laboratories Technical Journal Nippon Telegraph and Telephone Public Corp., 1551 Kichioji, Musashino-shi, Tokyo, Japan
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Electrical Engineering in Japan Scripta Publishing Corp., 1511 K Street, N.W., Washington, DC 20005, USA. English translation of Trans. Inst. Electr. Eng. Jpn. Parts A, B and C (Japan)
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Electrical India Indian Electrical Manufacturer's Association, 14 Sihd Prasad, Mohul Road, Tilak Nagar, P.O. Ghatkopar, Bombay 89, India
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Electrical Technology USSR [Translation of: *Elektrichestvo (USSR)*] Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
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Electronics and Communications in Japan Scripta Publishing Corp., 1511 K Street N.W., Washington, DC 20005, USA. English translation of selected articles from Trans. Inst. Electron. & Commun. Eng. A, B, C, D, (Japan)
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Electronics and Power. Journal of the Institution of Electrical Engineers Savoy Place, London, WC2R OBL, England
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Electronic Applications Bulletin N.V. Philips' Gloeilampenfabrieken, Electronic Components and Materials Division, Eindhoven, Netherlands. N.V. Uitgeversmaatschappij Centex, Eindhoven. Merged with Mullard Tech. Commun. (GB) to form Electron. Components & Appl. (Netherlands)
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Electronic Components & Applications N.V. Philips' Gloeilampenfabrieken, Elcoma Marketing Communications, Eindhoven, Netherlands. Mullard Ltd., Technical Publications Department, New Road, Mitcham, Surrey CR4 4XY
- Electron. Des. (USA)** - (ELODAW)
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Fluid Phase Equilibria Elsevier Scientific Publishing Co., P.O. Box 211, Amsterdam, Netherlands
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Geofysiske Publikasjoner Title changed to: *Geophys. Norv. (Norway)*
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Geomagnetism and Aeronomy [Translation of: *Geomagn. & Aeron. (USSR)*] American Geophysical Union, 1909 K Street, N.W., Washington, DC 20006, USA
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Geomagnetic Series, Earth Physics Branch Energy, Mines and Resources Canada, 1 Observatory Crescent, Ottawa K1A 0E4, Canada
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Geophysical Research Letters American Geophysical Union, 1909 K Street, N.W., Washington, DC 20006, USA
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Geophysical Surveys D. Reidel Publishing Co., P.O. Box 17, Dordrecht, Netherlands

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Heat Transfer - Soviet Research Scripta Publishing Corp., 1511 K Street, N.W., Washington, DC 20005, USA
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Helvetica Physica Acta Schweizerische Physikalische Gesellschaft. Publisher: Birkhauser Verlag, Elisabethenstrasse 19, CH-4000 Basel 10, Switzerland
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Hermesdorfer Technische Mitteilungen Kombinat VEB Keramische Werke Hermesdorf, Hermesdorf/Thuringen, Germany
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Hungarian Heavy Industries Title changed to: Hung. Mach. (Hungary)
- Hung. Mach. (Hungary)** – (HMACD2)
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IBM Technical Disclosure Bulletin International Business Machines Co., Armonk, New York, NY 10504, USA
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Incremental Motion Control Systems and Devices Newsletter University of Illinois, Urbana, IL 61801, USA
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Indian Journal of Chemistry Section A (Inorganic, Physical, Theoretical and Analytical) Sales & Distribution Officer, Publications & Information Directorate, CSIR, Hillside Road, New Delhi 110012, India
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Indian Journal of Marine Sciences Council of Scientific & Industrial Research. Editorial address: Publications & Information Directorate, Hillside Road, New Delhi-12, India
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Indian Journal of Power and River Valley Development 6-2 Madan Street, Calcutta 700072, India
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Indian Journal of Technology Sales & Distribution Officer, Publications & Information Directorate, Hillside Road, New Delhi 110012, India
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- Inorg. Mater. (USA)** - (INOMAF)
Inorganic Materials [Translation of: *Izv. Akad. Nauk SSSR Neorg. Mater.*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
- INSPEL (Germany)** - (INPLBI)
INSPEL. International Journal of Special Libraries International Federation of Library Associations, Special Libraries Section, c/o Dr. Paul Kaegbein, Universitätsbibliothek der Technischen Universität Berlin, 1 Berlin 12, Germany
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Institution of Engineers, Australia, Mechanical Engineering Transactions Science House, Gloucester Street, Sydney, N.S.W. 2000, Australia
- Inst. R. Meteorol. Belg. Bull. Trimest. Obs. Ozone (Belgium)** - (IRODAG)
Institut Royal Meteorologique de Belgique Bulletin Trimestriel Observations d'Ozone Avenue Circulaire 3, 1180 Bruxelles, Belgium
- Instrum. & Control Syst. (USA)** - (INCSA7)
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Instruments and Experimental Techniques [Translation of: *Prib. & Tekh. Eksp. (USSR)*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
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Intervaria (English Edition) Intervaria S.A., 86 Avenue Louis-Casai, P.O. Box 162, 1216 Cointrin, Geneva, Switzerland
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Interlending Review Formerly: *BLL Rev. (GB)* British Library Lending Division, Boston Spa, Wetherby, West Yorks. LS23 7BQ, England
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Inzhenerno-Fizicheski Zhurnal Izdatel'stvo Akademii Nauk BSSR, Editorial address: Polesnaya 25, Minsk 13, USSR [English translation in: *J. Eng. Phys. (USA)*]
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The Irish Astronomical Journal Armagh Observatory, Northern Ireland
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Iron and Steel International IPC Science and Technology Press Ltd., IPC House, 32 High Street, Guildford, Surrey GU1 3EW, England
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ISA Transactions Instrument Society of America, 400 Stanwix Street, Pittsburgh, PA 15222 Distributed by: Plenum Press, 227 West 17th Street, New York, NY 10011, USA
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Ishikawajima-Harima Engineering Review 2-16 Toyosu 3-chome, Kotoku, Tokyo, Japan
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ISI Bulletin Indian Standards Institution, Manak Bhavan, 9 Bahadur Shah Zafar Marg, New Delhi 110002, India
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Islamabad Journal of Sciences Formerly: *J. Math. & Sci. (Pakistan)* University of Islamabad, Islamabad, Pakistan
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- Isr. J. Technol. (Israel)** - (ISJTAC)
Israel Journal of Technology Weizmann Science Press, P.O. Box 801, Jerusalem 91000, Israel
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IUCC Bulletin Formerly: *IUCC Newsl. (GB)* Inter-University Committee on Computing, c/o Computer Laboratory, University of Cambridge, Corn Exchange Street, Cambridge CB2 3QG, England
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IUCC Newsletter Title changed to: *IUCC Bull. (GB)*
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Izmeritel'naya Tekhnika Academy of Sciences USSR Leninskii Prospekt, Moskva, USSR [English translation in: *Meas. Tech. (USA)*]
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Izvestiya, Academy of Sciences USSR. Atmospheric and Oceanic Physics [Translation of: *Izv. Akad. Nauk SSSR Fiz. Atmos. & Okeana*] American Geophysical Union, 1909 K Street, N.W., Washington, DC 20006, USA
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Izvestiya Academy of Sciences USSR, Physics of the Solid Earth [Translation of: *Izv. Akad. Nauk SSSR Fiz. Zemli*] American Geophysical Union, 1909 K Street, N.W., Washington, DC 20006, USA
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Izvestiya Akademii Nauk SSSR, Fizika Zemli Akademii Nauk SSSR, Leninskii Prospekt 14, Moskva, USSR [English translation in: *Izv. Acad. Sci. USSR. Phys. Solid Earth (USA)*]
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Japan Shipbuilding & Marine Engineering Japan Association for Technical Information, 4-7-107 Yamazaki-cho, Machida-City, Tokyo 194-01, Japan
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Microelectronics Journal Formerly: *Microelectronics (GB)* Mackintosh Publications Ltd., Mackintosh House, Napier Road, Luton, Beds. LU1 1RG, England
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Monthly Notes of the Astronomical Society of Southern Africa South African Astronomical Observatory, P.O. Box 9, Observatory, Cape, South Africa
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Moscow University Physics Bulletin [Translation of: *Vestn. Mosk. Univ. Fiz. Astron. (USSR)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA
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Nauchno-Tekhnicheskaya Informatsiya, Seriya 2 Baltiyskaya ul., d. 14, Moskva, A-219, USSR
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Noise Control, Vibration Isolation Formerly: *Noise Control Vib. & Insul. (GB)* Trade & Technical Press Ltd., Crown House, Morden, Surrey, SM4, England

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Nonlinear Analysis Theory, Methods & Applications Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
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Nuclear Engineering International IPC Electrical-Electronic Press Ltd., Dorset House, Stamford Street, London, SE1 9LU, England
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Nuclear Fusion (Fusion Nucleaire - Yadernyi Sintex - Fusion Nuclear) Journal of Plasma Physics and Thermonuclear Fusion International Atomic Energy Agency, Karntnering 11, P.O. Box 590, A-1011 Wien, Austria
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Oceanologica Acta Centrale des Revues Dunod-Gauthier-Villars, 70 rue de Saint-Mande, B.P. 119, 93104 Montreuil Cedex, France
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Oceanology [Translation of: *Okeanologiya (USSR)*] American Geophysical Union, 1909 K Street, N.W., Washington, DC 20036, USA
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Ogneupory Moskva G-34, 2-1, Obl'denskii, rep. 14, USSR [English translation in: *Refractories* USA]
- Okeanologiya (USSR)** - (OKNOAR)
Okeanologiya 2 ya Tipografiya Iadatel'stva 'Nauka', Moskva, Shchybiiskii lep. 10, USSR [English translation in: *Oceanology (USA)*]
- Omega (GB)** - (OMEGA6)
Omega Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
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Operational Research Quarterly Title changed to: *J. Oper. Res. Soc. (GB)*
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Operations Research Verfahren-Methods of Operations Research Verlag Anton Hain K.G., Meisenheim am Glan, Germany
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Optical and Quantum Electronics Chapman and Hall, 11 New Fetter Lane, London, EC4P 4EE, England
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Optics and Spectroscopy [Translation of: *Opt. & Spektrosk. (USSR)*] Published for the Optical Society of America by the American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
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Optika i Spektroskopiya Akademiya Nauk SSSR, Leninskii Prospekt 14, Moskva, USSR [English translation in: *Opt. & Spectrosc. (USA)*]
- Opt. Acta (GB)** - (OPACAT)
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Origins of Life D. Reidel Publishing Co., P.O. Box 17, Dordrecht, Netherlands
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Osservazioni e Memorie dell'Osservatorio Astrofisico di Arcetri Università Degli Studi di Firenze, Firenze, Italy
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Perkin-Elmer NMR Quarterly Perkin-Elmer Ltd., Beaconsfield, Bucks, England
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Personal Computer World Intra Press, 62A Westbourne Grove, London, W2, England
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Philips Journal of Research Formerly: *Philips Res. Rep. (Netherlands)* Philips Research Laboratories, Building WBP, Room No. 42, Eindhoven, Netherlands
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Philosophical Magazine Taylor and Francis Ltd., 10-14 Macklin Street London, WC2B 5NF, England. Journal split into two parts: *Philos. Mag. A* and *B* (GB)
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Physics of Metals and Metallography [Translation of: *Fiz. Met. & Metalloved. (USSR)*] Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
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Pis'ma v Zhurnal Tekhnicheskoi Fiziki Izdatel'stvo 'Nauka', Leningrad, USSR [English translation in: *Sov. Tech. Phys. Lett. (USA)*]
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PLA Bulletin Pennsylvania Library Association. Editorial address: Mine Safety Appliances Co., Library, Pittsburgh, PA 15208, USA
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Planetary and Space Science Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
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Plant Engineer Institution of Plant Engineers, 138 Buckingham Palace Road, London, SW1W 9SG, England. Batiste Publication Ltd., Drummond House, 203-209 Gower Street, London, NW1
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Polymer Bulletin Springer-Verlag, Heidelberger Platz 3, D-1000 Berlin 33, Germany
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Polymer Mechanics [Translation of: *Mekh. Polim. (USSR)*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
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Polymer News Gordon & Breach Science Publishers Ltd., 41 and 42 William IV Street, London, WC2, England
- Polym. Sci. USSR (GB)** - (PYSCAN)
Polymer Science U.S.S.R [Translation of: *Vysokomol. Soedin. Ser. A (USSR)*] Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
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Praktische Metallographie (Practical Metallography) Dr. Riederer-Verlag GmbH, d-7000 Stuttgart 1, Johannesstrasse 60, Postfach 447, Germany
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Priboiry i Tekhnika Eksperimenta Agent: Mezhdunarodnaya Kniga Moskva, USSR [English translation in: *Instrum. & Exp. Tech. (USA)*]
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Reyrolle Parsons Review Title changed to: *NEI Rev. (GB)*
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Rheologica Acta Dr. Steinkopf Verlag, 6100 Darmstadt, Postfach 1008, Germany
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Rhodesian Engineer Rhodesian Institution of Engineers, P.O. Box 660, Salisbury, Rhodesia
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Ricerche di Automatica E.S.I.A., Edizioni Scientifiche Inglesi Americane srl., Via Sommacampagna 11-13, 00185 Roma, Italy
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Ricerche Spettroscopiche Specola Vaticana, Citta dei Vaticano, Italy
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Rivista del Nuovo Cimento Societa Italiana di Fisica, Via Degli Andalo 2, Bologna 40124, Italy
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Rock Mechanics (Felsmechanik-Mechanik des Roches) Springer-Verlag, Molkerbastei 5, P.O. Box 367, A-1011 Wien, Austria
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Röntgenpraxis S. Hirzel Verlag, 7 Stuttgart 1, Birkenwaldstrasse 44, Postfach 347, Germany
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- Russ. Eng. J. (GB)** - (RENJA3)
Russian Engineering Journal [Translation of: *Vestn. Mashinost. (USSR)*] Production Engineering Research Association, Melton Mowbray, Leics, England
- Russ. Metall. (GB)**
Russian Metallurgy [Translation of: *Izv. Akad. Nauk. SSSR Met.*] Scientific Information Consultants Ltd., 661 Finchley Road, London, NW2 2HN, England
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South African Journal of Physics (Suid-Afrikaanse Tydskrif vir Fisika)
 Bureau for Scientific Publications, P.O. Box 1758, Pretoria 0001, South Africa
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Sähkö Electricity in Finland Sarkiniementie 3, 00210 Helsinki 21, Finland
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Sbornik Kratkie Soobshcheniya po Fizike. AN SSSR. Fizicheskii Institut im. P.N. Lebedeva Editorial address: I1733, Moskva B-333, Leningkiy Prospekt 53, USSR [English translation in: *Sov. Phys.-Lebedev Inst. Rep. (USA)*]
- Scand. J. Stat. Theory & Appl. (Sweden)** - (SJSADG)
Scandinavian Journal of Statistics Theory and Applications Almqvist & Wiksell Periodical Co., P.O. Box 62, S-101 20 Stockholm 1, Sweden
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Scanner Journal of Decca Radar Ltd., Decca House, Albert Embankment, London, SE1, England
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Schweizerische Technische Zeitschrift Schweizerischer Technischer Verband, Weinbergstrasse 41, 8023 Zurich, Switzerland
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Sci-Tech News Science and Technology Orientated Division, Special Libraries Association, 235 Park Avenue South, New York, NY 10003, USA
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Science and Culture Indian Science News Association, 92 Acharya Prafullachandra Road, Calcutta 9, India
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Science and Engineering Reports of Saitama University, Series C Urawa-City, Saitama-ken, Japan
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Science and Engineering Review of Doshisha University Science and Engineering Research Institute of Doshisha University, Kyoto, Japan
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Scientific American 415 Madison Avenue, New York, NY 10017, USA
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Scientia Atmospherica Sinica Science Press, Peking. Subscription address: Guozi Shudian, P.O. Box 399, Peking, People's Republic of China
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Science Dimension National Research Council of Canada, Ottawa K1A 0R6, Canada
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Science of Light Published by the Institute for Optical Research, Tokyo University of Education (in collaboration with the Spectroscopical Society of Japan), 400, Hyakunintyo-4, Sinyuku, Tokyo 160, Japan
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Science Progress Blackwell Scientific Publications, Oxford, England
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Science Reports of Kanazawa University Faculty of Science, Kanazawa University, Kanazawa, Japan
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Science Reports Osaka University College of General Education, Osaka University, Toyonaka, Osaka, Japan
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Science Reports of the Research-Institutes, Tohoku University. Series A (Physics, Chemistry, and Metallurgy) Sendai, Japan
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Science Reports of the Saitama University. Series A (Mathematics, Physics and Chemistry) Urawa, Japan
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Science Reports of the Tohoku University, First Series Faculty of Science, Tohoku University, Sendai, Japan
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Science Reports of the Yokohama National University. Section I (Mathematics, Physics and Chemistry) Faculty of Liberal Arts and Education, Yokohama National University, Tokiwadai 156, Hodogaya-ku, Yokohama 240, Japan
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Science Revuo Prof. B. Popovic, Ognjena Price 80, Beograd, Yugoslavia
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Scientia Sinica Science Press, Peking. Subscription address: Guozi Shudian, P.O. Box 399, Peking, China
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Scientometrics Elsevier Scientific Publishing Co., P.O. Box 330, 100 AH Amsterdam, Netherlands
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Shimadzu Review Shimadzu Seisakusho Ltd., Kawaramachi Nijo, Nakagyo-ku, Kyoto, Japan
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Sitzungsberichte. Österreichische Akademie der Wissenschaften. Mathematisch-Naturwissenschaftliche Klasse. Abteilung II (Mathematik, Astronomie, Physik, Meteorologie und Technik) Dr. Ignaz-Seipel-Platz 2, A-1010 Wien. Publication address: Springer-Verlag, A-1011-Wien, Molkerbastei 5, Postfach 367, Austria
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Skoda Review Ul. 28. října 13, Praha 1, Czechoslovakia
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Solar Energy Materials North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands
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Solar Physics D. Reidel Publishing Co., P.O. Box 17, Dordrecht, Netherlands
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Solid State Communications Pergamon Press, Maxwell House, Fairview Park, Elmsford, NY 10523, USA. Supplement to J. Phys. Chem. Solids (GB)
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Solid State Physics Science Press, Kojimachi Mansion No. 3, Kojimachi 5-chome, Chiyoda-ku, Tokyo, Japan
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Solid State Technology 14 Vanderventer Avenue, Port Washington, Long Island, NY 11050, USA
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Soviet Astronomy [Translation of: *Astron. Zh. (USSR)*] American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
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Soviet Astronomy Letters [Translation of: *Pis'ma v Astron. Zh. (USSR)*] American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
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Soviet Atomic Energy [Translation of: *At. Energ. (USSR)*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
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Soviet Automatic Control [Translation of: *Avtomatika (USSR)*] Scripta Publishing Co., 1511 K Street, N.W., Washington, DC 20005, USA
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Soviet Journal of Glass Physics and Chemistry [Translation of: *Fiz. & Khim. Stekla (USSR)*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
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Soviet Journal of Low Temperature Physics [Translation of: *Fiz. Nizk. Temp. (USSR)*] American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
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Teoriya Veroyatnostei i ee Primeneniya Mezhdunarodnaya Kniga, Moskva, USSR [English translation in: *Theory Probab. & Appl. (USA)*]
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Theoretical and Mathematical Physics [Translation of: *Theor. & Mat. Fiz. (USSR)*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
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Theoretica Chimica Acta Springer-Verlag, D-1000 Berlin 33, Heidelberger Platz 3, Germany
- Theor. Comput. Sci. (Netherlands)** – (TCSCDI)
Theoretical Computer Science North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands
- Theory Probab. & Appl. (USA)** – (TPRBAU)
Theory of Probability and its Applications [Translation of: *Theor. Veroyatn. & Primen. (USSR)*] Society for Industrial and Applied Mathematics, 33 South 17th Street, Philadelphia, PA 19103, USA
- Therm. Eng. (GB)** – (THENAD)
Thermal Engineering [Translation of: *Teplotnergetika (USSR)*] Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Thin Solid Films (Switzerland)** – (THSFAP)
Thin Solid Films Elsevier Sequoia, P.O. Box 851, 1001 Lausanne 1, Switzerland
- Tidskr. Dok. (Sweden)** – (TDDKA5)
Tidskrift for Dokumentation Tekniska Litteratursallskapet, Box 5073, 161 11 Bromma 11, Sweden
- Tijdschr. Ned. Elektron. & Radiogenoot. (Netherlands)** – (NERTA9)
Tijdschrift van het Nederlands Elektronica- en Radiogenootschap Postbus 39, Leidschendam, Netherlands
- Toim. Eesti NSV Tead. Akad. Fuus. Mat. (USSR)** – (ETFMB3)
Eesti NSV Teaduste Akadeemia Toimetised. Fuusika, Matemaatika Sakala 3, Tallinn, Estonia, USSR
- Tokyo Astron. Bull. (Japan)** – (TKABAC)
Tokyo Astronomical Bulletin Tokyo Astronomical Observatory, University of Tokyo, Mitaka, Tokyo, Japan
- Tokyo Astron. Obs. Rep. (Japan)** – (TAORAO)
Tokyo Astronomical Observatory Report University of Tokyo, Mitaka, Tokyo, Japan
- Tokyo Astron. Obs. Time & Latitude Bull. (Japan)** – (TATLBY)
Tokyo Astronomical Observatory Time and Latitude Bulletins Mitaka, Tokyo, Japan
- Tool. & Prod. (USA)** – (TOPRAR)
Tooling and Production Huebner Publications, 5821 Harper Road, Solon, OH 44139, USA
- Toshiba Rev. (Int. Ed.) (Japan)** – (TRIEA8)
Toshiba Review (International Edition) Tokyo Shibaura Electric Co., 1, Komukai Toshiba-Cho, Kawasaki, Japan
- Toute Electron. (France)** – (TOELAM)
Toute l'Electronique Societe des Editions Radio, 9 rue Jacob, 75006 Paris, France
- Traffic Eng. & Control (GB)** – (TENCA4)
Traffic Engineering & Control Printerhall Ltd., 29 Newman Street, London, W1P 3PE, England
- Traffic Manage. Int. (USA)** – (TMIND3)
Traffic Management International Cahners Publishing Co., 221 Columbus Avenue, Boston, MA 02116, USA
- Trans. & J. Br. Ceram. Soc. (GB)** – (TJBCAD)
Transactions and Journal of the British Ceramic Society Shelton House, Stoke-on-Trent, England
- Trans. Am. Nucl. Soc. (USA)** – (TANSOA)
Transactions of the American Nuclear Society 244 East Ogden Avenue, Hinsdale, IL 60521, USA
- Trans. ASME Ser. A, J. Eng. Power (USA)** – (JEPOA8)
Transactions of the ASME. Series A, Journal of Engineering for Power Title changed to: *Trans. ASME. J. Eng. Power (USA)*
- Trans. ASME Ser. B, J. Eng. Ind. (USA)** – (JEFIA8)
Transactions of the ASME. Series B, Journal of Engineering for Industry Title changed to: *Trans. ASME. J. Eng. Ind. (USA)*
- Trans. ASME Ser. C, J. Heat Transfer (USA)** – (JHTRAO)
Transactions of the ASME. Series C, Journal of Heat Transfer Title changed to: *Trans. ASME. J. Heat Transfer (USA)*
- Trans. ASME Ser. E, J. Appl. Mech. (USA)** – (JAMCAV)
Transactions of the ASME. Series E, Journal of Applied Mechanics Title changed to: *Trans. ASME. J. Appl. Mech. (USA)*
- Trans. ASME Ser. F, J. Lubr. Technol. (USA)** – (JLUTAT)
Transactions of the ASME. Series F, Journal of Lubrication Technology Title changed to: *Trans. ASME. J. Lubr. Technol. (USA)*
- Trans. ASME Ser. G, J. Dyn. Syst. Meas. & Control (USA)** – (JDSMAA)
Transactions of the ASME. Series G, Journal of Dynamic Systems, Measurement and Control Title changed to: *Trans. ASME. J. Dyn. Syst. Meas. & Control (USA)*
- Trans. ASME Ser. H, J. Eng. Mater. & Technol. (USA)** – (JEMTA8)
Transactions of the ASME. Series H, Journal of Engineering Materials and Technology Title changed to: *Trans. ASME. J. Eng. Mater. & Technol. (USA)*
- Trans. ASME Ser. I, J. Fluids Eng. (USA)** – (JFEGA4)
Transactions of the ASME. Series I, Journal of Fluids Engineering Title changed to: *Trans. ASME. J. Fluids Eng. (USA)*
- Trans. ASME Ser. J, J. Pressure Vessel Technol. (USA)** – (JPVTAS)
Transactions of the ASME. Series J, Journal of Pressure Vessel Technology Title changed to: *Trans. ASME. J. Pressure Vessel Technol. (USA)*

- Trans. ASME Ser. K, J. Biomech. Eng. (USA)**
Transactions of the ASME, Series K, Journal of Biomechanical Engineering Title changed to: *Trans. ASME, J. Biomech. Eng. (USA)*
- Trans. ASME, J. Appl. Mech. (USA) - (JAMCAV)**
Transactions of the ASME, Journal of Applied Mechanics Formerly: *Trans. ASME Ser. E, J. Appl. Mech. (USA)* American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA
- Trans. ASME, J. Biomech. Eng. (USA) - (JBENDY)**
Transactions of the ASME, Journal of Biomechanical Engineering Formerly: *Trans. ASME Ser. K, J. Biomech. Eng. (USA)* American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA
- Trans. ASME, J. Dyn. Syst. Meas. & Control (USA) - (JDSMAA)**
Transactions of the ASME, Journal of Dynamic Systems, Measurement and Control Formerly: *Trans. ASME Ser. G, J. Dyn. Syst. Meas. & Control (USA)* American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA
- Trans. ASME, J. Eng. Ind. (USA) - (JEFIA8)**
Transactions of the ASME, Journal of Engineering for Industry Formerly: *Trans. ASME Ser. B, J. Eng. Ind. (USA)* American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA
- Trans. ASME, J. Eng. Mater. & Technol. (USA) - (JEMTA8)**
Transactions of the ASME, Journal of Engineering Materials and Technology Formerly: *Trans. ASME Ser. H, J. Eng. Mater. & Technol. (USA)* American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA
- Trans. ASME, J. Eng. Power (USA) - (JEPOA8)**
Transactions of the ASME, Journal of Engineering for Power Formerly: *Trans. ASME Ser. A, J. Eng. Power (USA)* American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA
- Trans. ASME, J. Fluids Eng. (USA) - (JFEA4)**
Transactions of the ASME, Journal of Fluids Engineering Formerly: *Trans. ASME Ser. I, J. Fluids Eng. (USA)* American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA
- Trans. ASME, J. Heat Transfer (USA) - (JHTRA0)**
Transactions of the ASME, Journal of Heat Transfer Formerly: *Trans. ASME Ser. C, J. Heat Transfer (USA)* American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA
- Trans. ASME, J. Lubr. Technol. (USA) - (JLUTAT)**
Transactions of the ASME, Journal of Lubrication Technology Formerly: *Trans. ASME Ser. F, J. Lubr. Technol. (USA)* American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA
- Trans. ASME, J. Mech. Des. (USA) - (JMDEDB)**
Transactions of the ASME, Journal of Mechanical Design American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA
- Trans. ASME, J. Pressure Vessel Technol. (USA) - (JPVTAS)**
Transactions of the ASME, Journal of Pressure Vessel Technology Formerly: *Trans. ASME Ser. J, J. Pressure Vessel Technol. (USA)* American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA
- Trans. Bose Res. Inst. (India) - (TBICAQ)**
Transactions of the Bose Research Institute 93/1 Acharya Prafulla Chandra Road, Calcutta 9, India
- Trans. Electr. Supply Auth. Eng. Inst. N.Z. (New Zealand) - (TSAZD7)**
Transactions of the Electric Supply Authority Engineers' Institute of New Zealand Inc P.O. Box 3047, Wellington, New Zealand
- Trans. Inst. Chem. Eng. (GB) - (TICEAH)**
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- Trans. Inst. Electr. Eng. Jpn. (Japan) - (TIEJA8)**
Transactions of the Institute of Electrical Engineers of Japan Denshi Tsushin Gakkai, Yuraku-cho, Chiyoda-ku, Tokyo, Japan [English translation in: *Electr. Eng. Jpn. (USA)*]. Journal split into 3 parts: *Trans. Inst. Electr. Eng. Jpn. Part A, B and C (Japan)*
- Trans. Inst. Electr. Eng. Jpn. Part A (Japan) - (DGKRA8)**
Transactions of the Institute of Electrical Engineers of Japan, Part A Denshi Tsushin Gakkai, Yuraku-cho, Chiyoda-ku, Tokyo, Japan
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- Trans. Inst. Electr. Eng. Jpn. Part C (Japan) - (DGRCDZ)**
Transactions of the Institute of Electrical Engineers of Japan, Part C Denshi Tsushin Gakkai, Yuraku-cho, Chiyoda-ku, Tokyo, Japan
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Transactions of the Institute of Electronics and Communication Engineers of Japan, Part A Denshi Tsushin Gakkai, Kikai-Shinko-kaikan Bldg., Shiba Park 21-1-5, Minatoku, Tokyo, Japan. English translation of selected articles appear in *Electron. & Commun. Jap. (USA)* and *Syst. Comput. Control (USA)*
- Trans. Inst. Electron. & Commun. Eng. Jpn. Part B (Japan) - (DTGBBW)**
Transactions of the Institute of Electronics and Communication Engineers of Japan, Part B Denshi Tsushin Gakkai, Kikai-Shinko-kaikan Bldg., Shiba Park 21-1-5, Minatoku, Tokyo, Japan. English translation of selected articles appear in *Electron. & Commun. Jap. (USA)* and *Syst. Comput. Control (USA)*
- Trans. Inst. Electron. & Commun. Eng. Jpn. Part C (Japan) - (DTGCAY)**
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- Trans. Inst. Electron. & Commun. Eng. Jpn. Part D (Japan) - (DTGDA3)**
Transactions of the Institute of Electronics and Communication Engineers of Japan, Part D Denshi Tsushin Gakkai, Kikai-Shinko-kaikan Bldg., Shiba Park 21-1-5, Minatoku, Tokyo, Japan. English translation of selected articles appear in *Electron. & Commun. Jap. (USA)* and *Syst. Comput. Control (USA)*
- Trans. Inst. Electron. & Commun. Eng. Jpn. Sect. E (Japan) - (TIEEDU)**
Transactions of the Institute of Electronics and Communication Engineers of Japan, Section E (English) Kikai-Shinko-Kaikan, 5-8 Shibakoen 3-chome, Minato-ku, Tokyo 105, Japan. Contains original contributions in English and abridged version in English of papers and letters published in Japanese in *Trans. Inst. Electron. & Commun. Eng. Jpn. Parts A, B, C and D (Japan)*
- Trans. Inst. Meas. & Control (GB) - (TSCPD1)**
Transactions of the Institute of Measurement and Control 20 Peel Street, London, W8 7DP, England
- Trans. Inst. Met. Finish. (GB) - (TIMFA2)**
Transactions of the Institute of Metal Finishing 178 Goswell Road, London, EC1, England
- Trans. Jpn. Inst. Met. (Japan) - (TJIMAA)**
Transactions of the Japan Institute of Metals Japan Institute of Metals, Aoba Araniaki, Sendai 980, Japan
- Trans. Natl. Res. Inst. Met. (Japan) - (TNRMAF)**
Transactions of National Research Institute for Metals 3-12, 2-chome, Nakameguro, Meguro-ku, Tokyo, Japan
- Trans. North East Coast Inst. Eng. Shipbuild. (GB) - (TNEEAS)**
Transactions of the North East Coast Institution of Engineers and Ship-builders Bolbec Hall, Westgate Road, Newcastle-upon-Tyne, NE1 1TB, England
- Trans. R. Soc. Can. (Canada) - (TRSCAI)**
Transactions of the Royal Society of Canada (Memoires de la Societe Royale du Canada) National Library, 395 Wellington Street, Ottawa 4, Canada. University of Toronto Press, Toronto 5, Ontario
- Trans. Rhod. Sci. Assoc. (Rhodesia) - (TRSADF)**
Transactions of the Rhodesia Scientific Association M.O. Collins (Pvt) Ltd., P.O. Box 3094, Salisbury, Rhodesia
- Trans. S. Afr. Inst. Electr. Eng. (S. Africa) - (TSAEA9)**
Transactions of the South African Institute of Electrical Engineers Kelvin Publications, Loveday Street, P.O. Box 2988, 2000 Johannesburg, South Africa
- Trans. SAEST (India) - (TSETA6)**
Transactions of the Society for Advancement of Electrochemical Science and Technology Cccrinagar, Karaikudi-3, Tamil Nadu, India
- Trans. Soc. Instrum. & Control Eng. (Japan) - (TSICAR)**
Transactions of the Society of Instrument and Control Engineers Kotohira Annex, 39 Kotohira-cho Shiba, Minato-ku, Tokyo 105, Japan
- Trans. Soc. Rheol. (USA) - (TSRHZA)**
Transactions of the Society of Rheology Title changed to: *J. Rheol. (USA)*
- Trans. Tech. Sect. Can. Pulp & Pap. Assoc. (Canada)**
Transactions of the Technical Section, Canadian Pulp and Paper Association 2300 Sun Life Building, Montreal, Que. H3B 2X9, Canada
- Trans. Elektro News (Hungary) - (TREKB7)**
Trans. Elektro News Hungarian Trading Co. for Electrical Equipment and Supplies, Budapest 62, PO Box 337, Hungary
- Transm. & Distrib. (USA) - (TRDIAT)**
Transmission and Distribution Cleworth Publishing Co., One River Road, Cos Cob, CT 16807, USA
- Transp. Plann. & Technol. (GB) - (TPLTAK)**
Transport Planning and Technology Gordon and Breach Science Publications Ltd. 41 and 42 William IV Street, London, WC2, England
- Transp. Res. (GB) - (TREBCK)**
Transportation Research Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Transp. Sci. (USA) - (TRSCBJ)**
Transportation Science Operations Research Society of America, 428 East Preston Street, Baltimore, MD 21202, USA
- Transp. Theory & Stat. Phys. (USA) - (TTSPB4)**
Transport Theory and Statistical Physics Marcel Dekker Inc., 270 Madison Avenue, New York, NY 10016, USA
- Tribology Int. (GB) - (TRBIBK)**
Tribology International IPC Science and Technology Press Ltd., IPC House, 32 High Street, Guildford, Surrey GU1 3EW, England
- Tud. & Musz. Tajek. (Hungary) - (TMTAAG)**
Tudományos és Muszaki Tajékoztatás Országos Muszaki Konyvtar és Dokumentációs Központ, Budapest VIII, Reviczky u. 6, Hungary
- Ukr. Fiz. Zh. (USSR) - (UFIZAW)**
Ukrayins'kyi Fizychnyi Zhurnal 'Naukova Dumka', Kiev, Repina 3, USSR
- Ultramicroscopy (Netherlands) - (ULTRD6)**
Ultramicroscopy North-Holland Publishing Co., P.O. Box 211, Amsterdam, Netherlands
- Ultrasonics (GB) - (ULTRA3)**
Ultrasonics IPC Science and Technology Press Ltd., IPC House, 32 High Street, Guildford, Surrey GU1 3EW, England
- Ultrasound Med. & Biol. (GB) - (USMBA3)**
Ultrasound in Medicine & Biology Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Umsch. Wiss. & Tech. (Germany) - (UWTCAZ)**
Umschau in Wissenschaft und Technik Umschau Verlag, Stuttgarter Strasse 18-24, 6 Frankfurt am Main, Germany
- Und-oder-Nor & Steuerungstech. (Germany) - (UONSDY)**
Und-oder-Nor & Steuerungstechnik Distribution-Verlag GmbH, 65 Mainz, Lessingstrasse 12-14, Germany
- Unesco Bull. Libr. (France) - (UNBLAB)**
Unesco Bulletin for Libraries United Nations Educational, Scientific and Cultural Organization, Place de Fontenay, 75 Paris-7, France
- Union Burma J. Sci. & Technol. - (UBJASAM)**
Union of Burma Journal of Science and Technology Union of Burma Applied Research Institute, Yankin P.O., Rangoon, Burma
- Univ. Tripoli Bull. Fac. Eng. (Libya) - (BFETDQ)**
University of Tripoli Bulletin of the Faculty of Engineering P.O. Box 1098, Tripoli, Libya
- Usp. Fiz. Nauk (USSR) - (UFNAAG)**
Uspekhi Fizicheskii Nauk Agent: Mezhdunarodnaya Kniga, Moskva, USSR [English translation in: *Sov. Phys.-Usp. (USA)*]
- USSR Comput. Math. & Math. Phys. (GB) - (CMMPA9)**
U.S.S.R. Computational Mathematics and Mathematical Physics [Translation of: *Zh. Vychisl. Mat. & Mat. Fiz. (USSR)*] Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- UV Spectrom. Group Bull. (GB) - (UVSGAZ)**
UV Spectrometry Group Bulletin Formerly: *Photoelectr. Spectrom. Group Bull. (GB)* c/o Pye Unicam Ltd., York Street, Cambridge, CB1 2PX, England
- Vac News (India) - (VACNBB)**
Vac News Indian Vacuum Society, c/o Technical Physics Division, Bhabha Atomic Research Centre, Trombay, Bombay 400 085, India
- Vacuum (GB) - (VACUAV)**
Vacuum Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England

VDE Fachber. (Germany) - (VDEFAH)
VDE Fachberichte Verband Deutscher Elektrotechniker, Bismarckstrasse 33, 1000 Berlin 12, Germany

VDI Z. (Germany) - (VDIZAT)
VDI Zeitschrift Verlag des Vereins Deutscher Ingenieure, Graf-Recke Strasse 84, 4 Dusseldorf 1, Germany

Veh. Syst. Dyn. (Netherlands) - (VSDYA4)
Vehicle System Dynamics Swets & Zeitlinger N.V., 347B Heereweg, Lisse, Netherlands

Verh. Dtsch. Phys. Ges. (Germany) - (VDPEAZ)
Verhandlungen der Deutschen Physikalischen Gesellschaft 645 Hanau, Herausstrasse 9, Germany

Verh. K. Acad. Wet. Lett. & Schone Kunsten Belg. (Belgium) - (VVABA9)
Verhandelingen van de Koninklijke Academie voor Wetenschappen, Letteren en Schone Kunsten van België Title changed to: *Verh. K. Acad. Wet. Lett. & Schone Kunsten Belg. Kl. Wet. (Belgium)*

Verh. K. Acad. Wet. Lett. & Schone Kunsten Belg. Kl. Wet. (Belgium) - (VKKWAB)
Verhandelingen van de Koninklijke Academie voor Wetenschappen, Letteren en Schone Kunsten van België, Klasse der Wetenschappen Formerly: *Verh. K. Acad. Wet. Lett. & Schone Kunsten Belg. (Belgium)* Paleis der Academien, Hertogstraat 1, B-1000 Brussel, Belgium

Verkstaederna (Sweden) - (VSTDAL)
Verkstaederna Storgatan 5, Box 5510, 114 85 Stockholm 5, Sweden

Vertica (GB) - (VERTDW)
Vertica Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England

Vestn. Leningr. Univ. Fiz. & Khim. (USSR) - (VLUFBI)
Vestnik Leningradskogo Universiteta - Fizika i Khimiya Leningrad University Press, Universitetskaya Nab.7/9, Leningrad B-164, USSR

Vestn. Leningr. Univ. Ser. Mat. Mekh. & Astron. (USSR) - (VLUA2)
Vestnik Leningradskogo Universiteta-Seriya: Matematika, Mekhanika i Astronomiya Universitetskaya Nab.7/9, Leningrad B-164, USSR

Vestn. Mashinost. (USSR) - (VMASAV)
Vestnik Mashinostroyeniya Mashinostroenie, Prospekt Mira, d. 106, Moskva, GSP-110, USSR [English translation in: *Russ. Eng. J. (GB)*]

Vestn. Mosk. Univ. Fiz. Astron. (USSR) - (VMUFAO)
Vestnik Moskovskogo Universiteta - Fizika, Astronomiya Moskva K-9, Ulitsa Gertsena 5/7, USSR [English translation in: *Moscow Univ. Phys. Bull. (USA)*]

Vestn. Mosk. Univ. Mat. Mekh. (USSR) - (VMMMA5)
Vestnik Moskovskogo Universiteta. Matematika, Mekhanika Izdatel'stvo Moskovskogo Universiteta, Moskva, K-9, Ul. Gertsena Dom 5/7, USSR

Vestsi Akad. Navuk BSSR Ser. Fiz. Energ. Navuk - (VABFAF)
Vestsi Akademii Navuk BSSR. Seriya Fizika Energetichnykh Navuk 'Navuk i Tekhnika', Leninski Prospekt 68, Minsk, USSR

Vide (France) - (VIDEAA)
Le Vide Societe Francaise des Ingenieurs et Techniciens du Vide, 19 rue du Renard, 75 Paris 4, France

Vignana Bharathi (India) - (VBHAD6)
Vignana Bharathi Department of Publications & Extension, Bangalore University, Bangalore 560056, India

Villamossag (Hungary) - (VLMASG)
Villamossag Lapkiado Vallalat, Lenin Korut 9-11, Budapest VII, Hungary

Visible Lang. (USA) - (VSLGAO)
Visible Language c/o Cleveland Museum of Art, Cleveland, OH 44106, USA

Vision Res. (GB) - (VISRAM)
Vision Research Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England

Vistas Astron. (GB) - (VASTA6)
Vistas in Astronomy Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England

Vrshchenie & Prilivnye Deform. Zemli (USSR) - (VPDZAK)
Vrshchenie i Prilivnye Deformatsii Zemli Izdatel'stvo 'Naukova Dumka', Kiev, Repina 3, USSR

Vychisl. Metody & Program. (USSR) - (VYMPAU)
Vychislitel'nye Metody i Programirovaniye Izdatel'stvo Moskovskogo Universiteta, Moskva, K-9, Ul. Gertsena d. 5/7, USSR

Vysokomol. Soedin. Ser. A (USSR) - (VYSAAF)
Vysokomolekulyarnyye Soedineniya, Seriya A Akademiya Nauk USSR, Leninskiy Prospekt, Moskva, USSR [English translation in: *Polym. Sci. USSR (GB)*]

Waerre (Germany) - (WARMAP)
Waerre Adelheidstrasse 28, 8 Munchen 40, Germany

Waerre- & Stoffuebertrag. (Germany) - (WASBBW)
Waerre- und Stoffuebertragung Springer-Verlag, 1 Berlin 33, Heidelberger Platz 3, Germany

Water Res. (GB) - (WATRAG)
Water Research Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England

Water Resour. Res. (USA) - (WRERAQ)
Water Resources Research American Geophysical Union, 1909 K Street, N.W., Washington, DC 20006, USA

Water, Air & Soil Pollut. (Netherlands) - (WAPLAC)
Water, Air and Soil Pollution D. Reidel Publishing Co., P.O. Box 17, Dordrecht, Netherlands

Wave Electron. (Netherlands) - (WAELDS)
Wave Electronics Elsevier Scientific Publishing Co., P.O. Box 211, Amsterdam, Netherlands

Wave Motion (Netherlands)
Wave Motion North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands

Wear (Switzerland) - (WEARCI)
Wear Elsevier Sequoia S.A., P.O. Box 851, 1001 Lausanne 1, Switzerland

Weather (GB) - (WTHRAL)
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Weld. & Met. Fabr. (GB) - (WLMFAM)
Welding and Metal Fabrication IPC Science and Technology Press Ltd., IPC House, 32 High Street, Guildford, Surrey GU1 3EW, England

Weld. Des. & Fabr. (USA) - (WDEFAS)
Welding Design and Fabrication Industrial Publishing Co., 614 Superior Avenue, W., Cleveland, OH 44113, USA

Weld. Prod. (GB) - (WEPRAO)
Welding Production [Translation of: *Svar. Proizvod. (USSR)*] Welding Institute, Abington Hall, Abington, Cambridge CB1 6AL, England

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Werkstatt und Betrieb Carl Hanser Zeitschriftenverlag GmbH, 8 Munchen 27, Kolbergerstrasse 22, Germany

Western Electric Eng. (USA) - (WELEAX)
Western Electric Engineer Western Electric Co., 195 Broadway, New York, NY 10007, USA

Which Comput. (GB) - (WHCOD8)
Which Computer? Which Computer? Ltd., 2 Duncan Terrace, London N1 8BR, England

Wiad. Elektrotech. (Poland) - (WDELAC)
Wiadomosci Elektrotechniczne Wydawnictwa Czasopism Technicznych N.O.T., 00-001 Warszawa 1, Poland

Wiad. Telekomun. (Poland) - (WDTEAW)
Wiadomosci Telekomunikacyjne Editorial address: Warszawa, Kazimierzowska 52, Poland

Wire World Int. (Germany) - (WWINAZ)
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Wireless World (GB) - (WIWOAA)
Wireless World IPC Electrical-Electronic Press Ltd., Dorset House, Stamford Street, London, SE1 9LU, England

Wiring Install. & Supplies (GB) - (WISUDB)
Wiring Installations and Supplies Peter Peregrinus Ltd., P.O. Box 8, Southgate House, Stevenage, Herts. SG1 1HQ, England

Wiss. Ber. AEG-Telefunken (Germany) - (WBATB3)
Wissenschaftliche Berichte AEG-Telefunken Elitera Verlag, 1 Berlin 33 (Grunewald), Fritz-Wildungstrasse 22, Germany

Wiss. Z. Friedrich-Schiller-Univ. Jena, Math. Naturwiss. Reihe (Germany) - (WZFMA4)
Wissenschaftliche Zeitschrift der Friedrich-Schiller-Universitaet Jena, Mathematisch-Naturwissenschaftliche Reihe Friedrich-Schiller Universitaet, Jena, Am Anger 24, Germany

Wiss. Z. Karl-Marx-Univ. Leipzig Math.-Naturwiss. Reihe (Germany) - (WZMNA8)
Wissenschaftliche Zeitschrift Karl-Marx-Universität Leipzig. Mathematisch-Naturwissenschaftliche Reihe 701 Leipzig, Ritterstrasse 14, Germany

Wiss. Z. Tech. Hochsch. Ilmenau (Germany) - (WZTHAP)
Wissenschaftliche Zeitschrift der Technischen Hochschule Ilmenau Strasse der Jungen Techniker 21, Ilmenau, Germany

Wiss. Z. Tech. Hochsch. Karl-Marx-Stadt (Germany) - (WZTKAY)
Wissenschaftliche Zeitschrift der Technischen Hochschule Karl-Marx-Stadt Friedrich-Engels Strasse 85, Karl-Marx-Stadt, Germany

Wiss. Z. Tech. Hochsch. Otto von Guericke Magdeburg (Germany) - (WCGMAI)
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